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3-DEC-18

05R034L2

TABLE : IIA- 1688

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)
INDIVIDUAL PUP DATA -- AG DIST DAY 1 IN MM

TEST GROUP 12 (60 MG/KG BW/D)

FEMALE#	MEAN	PUP#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
549	2.73	3.60	3.10	3.20	3.30	3.40	3.30	3.00	3.20	3.10	3.20	3.10	3.00	3.30	1.60	1.50	1.60	1.50	1.60						
551	2.39	3.70	3.80	3.80	1.80	1.80	1.80	1.90	1.80	1.80	1.80	1.70	1.80	1.80	1.80	1.70									
552	2.06	3.30	3.30	3.40	3.50	1.60	1.70	1.60	1.70	1.60	1.70	1.60	1.70	1.50	1.70	1.60	1.50	1.60							
554	2.43	3.50	3.60	3.70	3.60	3.60	3.30	1.70	1.60	1.70	1.60	1.70	1.60	1.70	1.70	1.70	1.70	1.70							
555	2.24	3.20	3.30	3.40	3.40	3.30	D	1.70	1.60	1.50	1.70	1.60	1.70	1.60	1.70	1.60	1.70								
556	3.08	3.50	3.60	3.60	3.50	3.60	3.60	3.60	3.50	3.50	3.50	3.50	3.50	3.40	1.80	1.70	1.70	1.60	D						
557	2.35	3.50	3.40	3.40	3.40	3.50	3.50	1.60	1.60	1.60	1.70	1.70	1.70	1.70	1.60	1.60	1.50	1.60							
558	2.70	3.60	3.60	3.60	3.50	3.60	3.60	D	1.70	1.70	1.70	1.60	1.60	1.60											
559	2.97	3.30	3.80	3.80	3.70	3.80	3.70	3.70	3.80	3.60	3.60	1.70	1.60	1.70	1.70	1.70									
560	2.71	3.80	3.60	3.90	4.00	4.00	3.90	1.70	1.60	1.70	1.60	1.70	1.70	1.80	1.70	1.80									
561	2.56	3.40	3.50	3.40	3.20	3.20	3.40	3.40	3.20	1.80	1.60	1.70	1.60	1.70	1.70	1.60	1.50								
562	2.44	3.30	3.20	3.30	3.40	3.30	3.40	3.30	3.10	1.70	1.50	1.70	1.60	1.70	1.60	1.50	1.70	1.60	S						
563	2.92	3.50	3.30	3.50	3.30	3.50	3.50	3.60	3.10	1.70	1.60	1.60	1.50	2											
564	2.54	3.00	3.10	3.00	3.20	3.20	3.00	3.10	3.20	3.10	3.30	1.60	1.50	1.60	1.60	1.50	1.60								
565	1.98	3.40	3.50	S	1.80	1.70	1.80	1.70	1.80	1.60	1.60	1.60	1.60	1.60	1.60										
566	2.30	3.30	3.40	3.50	3.30	3.40	3.10	3.20	1.60	1.60	1.60	1.60	1.70	1.50	1.60	1.50	1.60	1.70							
567	2.18	3.20	3.30	3.40	3.30	3.40	1.70	1.60	1.60	1.60	1.60	1.70	1.60	1.60	1.70	1.80	1.70	1.60							
568	2.54	3.10	3.20	3.40	3.40	3.20	3.30	3.20	3.30	3.20	1.60	1.60	1.60	1.50	1.60	1.70	1.60	1.80							
569	2.29	3.00	3.20	3.20	3.50	3.20	3.20	1.50	1.50	1.50	1.60	1.60	1.60	1.70	1.50	1.70	1.60								
570	2.15	3.50	3.60	3.60	1.70	1.70	1.80	1.70	1.70	1.70	1.70	1.70	1.80	1.70	1.80	1.70	1.80								
571	2.46	3.20	3.30	3.00	3.00	3.20	3.10	3.20	3.20	3.30	1.70	1.70	1.70	1.80	1.70	1.60	1.60	1.60							
572	DI																								

MEAN 2.48
S.D. 0.296
N 21

PUP STATUS CODES: S-STILLBORN D -DIED Z -CANNIBALIZED

DI=DAY 0 PC-IMPLANTS, NO PUPS

3-DEC-18

05R034L2

TABLE : IIA- 1689

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)

TEST GROUP 13 (180 MG/KG BW/D)

INDIVIDUAL PUP DATA -- AG DIST DAY 1 IN MM

FEMALE#	MEAN	PUP#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
573	2.50	3.80	3.80	4.00	1.90	1.90	1.80	1.70	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
574	3.31	3.70	3.80	3.70	3.80	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70
575	DI																								
576	2.35	3.40	3.10	3.20	3.30	3.00	3.10	S	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
577	2.33	3.60	3.80	3.70	2.00	1.80	1.80	1.70	1.60	1.70	2.00	1.90													
578	2.88	3.60	3.60	3.60	3.70	3.70	3.70	3.70	3.70	3.60	1.70	1.60	1.70	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
579	2.56	3.60	3.70	3.60	3.50	3.60	3.60	3.70	1.70	1.70	1.70	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
580	2.21	3.60	3.60	1.70	1.70	1.70	1.60	1.70	1.60	S															
581	DI																								
582	2.77	4.00	4.10	3.90	1.80	1.80	1.90	1.90																	
583	2.44	3.60	3.60	3.30	3.20	3.30	3.20	3.50	2.90	1.60	1.60	1.50	1.60	1.60	1.60	1.60	1.50	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
584	2.01	3.50	3.40	3.40	1.70	1.80	1.60	1.70	1.60	1.70	1.60	1.80	1.80	1.80	1.80	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
585	2.55	3.10	3.20	3.20	3.10	3.20	3.10	3.30	3.00	1.50	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
586	2.66	3.80	3.80	3.80	1.90	1.80	1.70	1.80																	
587	2.52	3.60	3.70	1.80	1.80	1.70																			
588	2.63	3.70	3.60	3.50	3.60	3.50	1.60	1.70	1.70	1.60	1.80														
589	2.49	3.70	3.40	3.40	1.70	1.80	1.70	1.70	S																
590	3.80	3.80																							
591	3.34	4.30	4.00	4.10	4.20	4.10	4.20	4.00	2.20	2.00	1.70	1.90	S												
592	2.54	3.40	3.40	3.20	3.30	3.30	3.40	3.00	3.10	3.30	1.60	1.70	1.70	1.50	1.50	1.50	1.80	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
594	2.56	3.20	3.30	3.40	3.20	3.30	3.30	3.40	3.00	S	1.60	1.60	1.70	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
595	2.45	3.40	3.10	3.10	3.20	3.20	3.10	3.10	3.00	3.10	1.80	1.70	1.60	1.70	1.60	1.70	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
596	2.55	3.60	3.20	3.10	3.30	3.40	3.30	3.30	3.20	3.10	2.40	1.70	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60

MEAN 2.64
S.D. 0.405
N 21

PUP STATUS CODES: S-STILLBORN Z -CANNIBALIZED

DI=DAY 0 PC-IMPLANTS, NO PUPS

3-DEC-18

05R034L2

TABLE : IIA- 1690

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)
INDIVIDUAL PUP DATA -- AG DIST DAY 1 to BODY WEIGHT RATIO (AG Index)

TEST GROUP 10 (0 MG/KG BW/D)

FEMALE#	MEAN	PUP#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
501	0.36	0.45	0.42	0.37	0.47	0.49	0.43	0.44	0.42	0.24	0.24	0.23	0.21	0.24	0.26	S									
502	0.35	0.46	0.45	0.44	0.46	0.43	0.52	S	0.20	0.22	0.21	0.23	0.23												
503	0.35	0.49	0.51	0.49	0.48	0.49	0.25	0.22	0.24	0.23	0.24	0.24	0.24	0.25											
504	0.36	0.48	0.53	0.44	0.49	0.48	0.44	0.46	0.50	0.23	0.24	0.24	0.24	0.27	0.23	0.22	0.22								
505	0.40	0.47	0.48	0.49	0.46	0.52	0.47	0.49	0.48	0.24	0.24	0.24	0.25	0.24											
506	0.41	0.54	0.48	0.49	0.52	0.52	0.54	0.57	0.59	0.47	0.56	0.24	0.24	0.26	0.25	0.25	0.23	0.30	0.29						
507	0.35	0.46	0.51	0.57	0.46	0.45	0.45	0.53	0.49	0.25	0.27	0.25	0.25	0.25	0.25	0.23	0.23	0.27	0.25	0.28					
508	0.29	0.45	0.41	0.38	0.45	0.44	0.21	0.20	0.20	0.22	0.21	0.21	0.23	0.21											
509	0.40	0.47	0.44	0.40	0.38	0.40	0.40	0.40	0.44	0.46	0.45	0.44	0.43	0.20	0.23										
510	0.39	0.47	0.49	0.45	0.47	0.46	0.48	0.47	0.49	0.45	0.51	0.22	0.25	0.24	0.26	0.23	0.24								
511	0.30	0.38	0.38	0.42	0.43	0.28	0.29	0.22	0.22	0.21	0.24	0.22													
512	0.37	0.44	0.46	0.46	0.47	0.43	0.45	0.41	0.41	0.48	0.24	0.23	0.22	0.25	0.25	0.23									
513	0.31	0.41	0.43	0.44	0.43	0.46	0.23	0.22	0.23	0.24	0.24	0.23	0.23	0.22	S										
514	0.31	0.45	0.41	0.49	0.44	0.43	0.44	Z	S	0.22	0.22	0.23	0.22	0.21	0.24	0.21	0.21	0.24							
515	0.32	0.51	0.44	0.49	0.46	0.49	0.22	0.23	0.25	0.21	0.26	0.24	0.22	0.23	0.21										
516	0.29	0.40	0.39	0.43	0.41	0.36	0.21	0.23	0.22	0.18	0.20	0.20													
517	0.33	0.44	0.41	0.38	0.42	0.43	0.51	0.42	0.22	0.21	0.23	0.22	0.24	0.22	0.24	Z									
518	0.37	0.49	0.42	0.41	0.45	0.21	0.21																		
519	0.37	0.44	0.47	0.47	0.49	0.44	0.47	0.50	Z	0.23	0.26	0.23	0.21	0.25											
520	0.34	0.48	0.51	0.41	0.43	0.46	0.44	0.43	0.46	D	0.23	0.23	0.22	0.23	0.22	0.23	0.22	0.21							
521	0.35	0.42	0.45	0.43	0.46	0.43	0.45	0.45	0.42	0.49	S	0.22	0.23	0.21	0.21	0.21	0.22	S							
522	0.35	0.45	0.45	0.47	0.46	0.46	0.45	0.47	0.24	0.23	0.23	0.25	0.26	0.22	0.22										
523	0.38	0.47	0.47	0.41	0.45	0.51	0.51	0.49	0.43	0.54	0.22	0.26	0.23	0.25	0.25	0.24	0.27	0.41							
524	0.43	0.51	0.52	0.52	0.55	0.50	0.57	0.51	0.53	0.51	0.29	0.27	0.28	0.28	0.29	0.27									

MEAN 0.35
S.D. 0.037
N 24

PUP STATUS CODES: S-STILLBORN D -DIED Z -CANNIBALIZED

3-DEC-18
05R034L2
TABLE : IIA-
1691

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)
INDIVIDUAL PUP DATA -- AG DIST DAY 1 to BODY WEIGHT RATIO (AG Index)

TEST GROUP 11 (20 MG/KG BW/D)																									
FEMALE#	MEAN	PUP#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
525	0.38	0.48	0.51	0.45	0.50	0.49	0.46	0.49	0.48	0.25	0.27	0.25	0.30	0.28	0.26	0.28									
526	0.28	0.41	0.40	0.44	0.24	0.20	0.20	0.20	0.22	0.22	0.31														
527	0.32	0.44	0.41	0.44	0.39	S	0.20	0.23	0.18	0.25															
528	0.39	0.44	0.53	0.48	0.51	0.46	0.46	0.53	0.54	0.25	0.29	0.25	0.23	0.25	0.29										
529	0.33	0.42	0.44	0.41	0.45	0.43	0.46	0.23	0.22	0.25	0.22	0.21	0.23												
530	0.37	0.49	0.47	0.45	0.46	0.43	0.47	0.47	0.47	0.23	0.24	0.25	0.27	0.23	0.24										
531	0.36	0.47	0.49	0.44	0.46	0.49	0.51	0.52	0.50	0.24	0.23	0.24	0.23	0.22	0.22	0.22									
532	0.34	0.43	0.43	0.44	0.44	0.47	0.44	0.46	0.53	0.24	0.21	0.21	0.23	0.21	0.22	0.21	0.29								
533	0.37	0.41	0.43	0.43	0.48	0.41	0.45	0.44	0.41	0.46	0.42	0.23	0.26	0.24	0.22	0.21									
534	0.37	0.51	0.50	0.51	0.52	0.51	0.51	0.49	0.24	0.25	0.29	0.27	0.24	0.26	0.26	0.27	0.29								
535	0.31	0.47	0.49	0.46	0.42	0.22	0.22	0.23	0.22	0.27	0.23	0.22	0.24												
536	0.35	0.47	0.43	0.44	0.44	0.44	0.45	0.44	0.46	0.23	0.24	0.24	0.22	0.24	0.24										
537	0.39	0.48	0.45	0.49	0.49	0.51	0.55	0.49	0.49	0.54	0.24	0.24	0.24	0.24	0.23	0.26									
538	0.37	0.43	0.44	0.47	0.43	0.43	0.49	0.44	0.46	0.75	0.23	0.24	0.23	0.26	0.24	0.22	0.23								
539	0.34	0.49	0.57	0.48	0.53	0.50	0.25	0.25	0.23	0.24	0.23	0.23	0.23	0.25	0.21										
540	0.34	0.43	0.47	0.46	0.44	0.44	0.47	0.42	0.48	0.23	0.25	0.22	0.24	0.24	0.25	0.23	0.24	0.25							
541	0.35	0.44	0.44	0.42	0.41	0.42	0.23	0.22	0.22																
542	0.43	0.50	0.50	0.53	0.57	0.51	0.49	0.49	0.52	0.28	0.26	0.24	0.27	S											
543	0.37	0.48	0.50	0.46	0.48	0.52	0.50	0.53	0.24	0.26	0.27	0.25	0.25	0.25	0.23										
544	0.42	0.49	0.49	0.51	0.51	0.51	0.51	0.48	0.55	0.55	0.24	0.24	0.25	0.27	0.27										
545	0.38	0.49	0.51	0.49	0.48	0.46	0.46	0.47	0.47	0.27	0.31	0.25	0.25	0.28	0.29	0.29	0.31	0.28							
546	0.34	0.45	0.57	0.48	0.46	0.46	0.40	0.46	0.23	0.22	0.23	0.23	0.20	0.25	0.23	0.23									
547	0.37	0.51	0.42	0.42	0.47	0.48	0.43	0.45	0.43	0.44	0.43	0.22	0.25	0.24	0.23	0.23	0.23								
548	0.39	0.51	0.51	0.63	0.53	0.52	0.55	0.29	0.26	0.26	0.26	0.25	0.28	0.25	0.28	0.25									

MEAN 0.36
S.D. 0.033
N 24

PUP STATUS CODES: S-STILLBORN

3-DEC-18 05R034L2 TABLE : IIA- 1692

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)
INDIVIDUAL PUP DATA -- AG DIST DAY 1 to BODY WEIGHT RATIO (AG Index)

TEST GROUP 12 (60 MG/KG BW/D)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
FEMALE#	MEAN	PUP#																					
549	0.41	0.49	0.51	0.53	0.47	0.48	0.48	0.53	0.46	0.48	0.46	0.42	0.47	0.24	0.23	0.24	0.22	0.26					
551	0.32	0.51	0.45	0.48	0.47	0.21	0.25	0.26	0.23	0.24	0.23	0.27	0.25	0.35									
552	0.26	0.42	0.38	0.37	0.44	0.21	0.22	0.20	0.22	0.20	0.20	0.21	0.20	0.21	0.21	0.19	0.23						
554	0.34	0.49	0.50	0.49	0.46	0.46	0.46	0.24	0.22	0.25	0.23	0.26	0.26	0.26	0.25	0.23							
555	0.30	0.48	0.44	0.47	0.42	0.40	0.21	0.23	0.21	0.22	0.21	0.19	0.22	0.22	0.27								
556	0.51	0.50	0.53	0.57	0.53	0.58	0.67	0.56	0.53	0.60	0.53	0.58	0.83	0.31	0.25	0.30	0.29	D					
557	0.32	0.45	0.44	0.45	0.44	0.48	0.51	0.21	0.25	0.23	0.23	0.23	0.22	0.21	0.26								
558	0.33	0.41	0.45	0.41	0.44	0.44	0.41	D	0.22	0.22	0.21	0.22	0.22										
559	0.38	0.42	0.46	0.48	0.47	0.48	0.47	0.46	0.48	0.46	0.22	0.21	0.23	0.24	0.22								
560	0.33	0.49	0.45	0.42	0.47	0.49	0.46	0.21	0.22	0.22	0.22	0.23	0.22	0.23									
561	0.35	0.46	0.45	0.43	0.42	0.46	0.47	0.44	0.45	0.24	0.22	0.24	0.26	0.24	0.26	0.26							
562	0.38	0.47	0.54	0.52	0.49	0.47	0.48	0.50	0.46	0.27	0.24	0.27	0.26	0.26	0.26	0.29	0.26	S					
563	0.39	0.43	0.47	0.49	0.41	0.43	0.47	0.49	0.45	0.23	0.22	0.25											
564	0.42	0.46	0.53	0.49	0.57	0.51	0.49	0.46	0.56	0.49	0.51	0.28	0.26	0.27	0.28	0.27	0.30						
565	0.31	0.46	0.53	S	0.27	0.26	0.28	0.26	0.27	0.25	0.25	0.26	0.29	0.29									
566	0.33	0.43	0.45	0.49	0.49	0.46	0.50	0.47	0.22	0.22	0.23	0.22	0.20	0.21	0.24	0.23	0.23	0.26					
567	0.29	0.38	0.41	0.44	0.41	0.47	0.23	0.20	0.20	0.25	0.24	0.22	0.24	0.23	0.24	0.24	0.26						
568	0.33	0.37	0.40	0.40	0.45	0.45	0.41	0.40	0.42	0.43	0.22	0.21	0.20	0.22	0.22	0.22	0.27						
569	0.33	0.39	0.43	0.44	0.47	0.46	0.50	0.21	0.21	0.23	0.23	0.26	0.22	0.25	0.24								
570	0.28	0.47	0.47	0.44	0.47	0.22	0.23	0.22	0.23	0.25	0.22	0.25	0.22	0.24									
571	0.35	0.42	0.45	0.38	0.41	0.43	0.41	0.47	0.46	0.52	0.25	0.29	0.25	0.23	0.23	0.22	0.30						
572	DI																						

MEAN 0.35
S.D. 0.056
N 21

PUP STATUS CODES: S-STILLBORN D -DIED Z -CANNIBALIZED

DI=DAY 0 PC-IMPLANTS, NO PUPS

3-DEC-18
05R034L2
TABLE : IIA-
1693

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)
INDIVIDUAL PUP DATA -- AG DIST DAY 1 to BODY WEIGHT RATIO (AG Index)

TEST GROUP 13 (180 MG/KG BW/D)																									
FEMALE#	MEAN	PUP#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
573	0.29	0.41	0.47	0.43	0.23	0.21	0.22	0.19	0.21	0.22															
574	0.36	0.39	0.41	0.44	0.38	0.39	0.42	0.40	0.21	0.22															
575	DI																								
576	0.37	0.53	0.50	0.50	0.48	0.46	0.44	S	0.26	0.27	0.25	0.29	0.27	0.26	0.30										
577	0.28	0.44	0.45	0.43	0.25	0.22	0.21	0.21	0.20	0.20	0.22	0.21													
578	0.37	0.45	0.43	0.44	0.45	0.43	0.58	0.43	0.48	0.22	0.21	0.22	0.22	0.22	0.21										
579	0.34	0.48	0.47	0.46	0.47	0.54	0.46	0.45	0.20	0.21	0.21	0.21	0.21	0.21	0.23	0.21	0.24								
580	0.26	0.40	0.40	0.22	0.18	0.20	0.20	0.19	S																
581	DI																								
582	0.29	0.42	0.43	0.38	0.21	0.20	0.22	0.20																	
583	0.44	0.59	0.56	0.52	0.48	0.55	0.52	0.58	0.88	0.30	0.27	0.27	0.26	0.31	0.28	0.28	0.31	S							
584	0.28	0.47	0.48	0.45	0.24	0.22	0.22	0.23	0.21	0.23	0.24	0.25	0.22	0.21	0.21	0.30									
585	0.37	0.39	0.47	0.49	0.42	0.44	0.48	0.42	0.39	0.20	0.21	0.23	0.23	0.23	0.39										
586	0.33	0.49	0.46	0.45	0.22	0.23	0.22	0.24																	
587	0.27	0.37	0.38	0.20	0.19	0.20																			
588	0.32	0.40	0.40	0.50	0.46	0.41	0.21	0.21	0.20	0.19	0.21														
589	0.29	0.39	0.46	0.38	0.19	0.20	0.18	0.25	S																
590	0.43	0.43																							
591	0.39	0.45	0.46	0.47	0.48	0.49	0.50	0.41	0.28	0.25	0.21	0.24	S												
592	0.37	0.48	0.44	0.46	0.49	0.51	0.45	0.42	0.46	0.57	0.25	0.23	0.25	0.22	0.22	0.27	0.22								
594	0.39	0.40	0.55	0.49	0.50	0.47	0.49	0.49	0.68	S	0.23	0.25	0.24	0.23	0.24	0.24									
595	0.36	0.48	0.46	0.41	0.48	0.45	0.47	0.49	0.40	0.48	0.25	0.24	0.23	0.24	0.24	0.24	0.26	0.27							
596	0.35	0.46	0.41	0.37	0.44	0.50	0.42	0.48	0.43	0.54	0.29	0.22	0.22	0.23	0.21	0.23	0.23	0.22	Z						
MEAN	0.34																								
S.D.	0.052																								
N	21																								

PUP STATUS CODES: S-STILLBORN Z -CANNIBALIZED

DI=DAY 0 PC-IMPLANTS, NO PUPS

3-DEC-18

05R034L2

TABLE : IIA- 1694

PROJ.NO. 90R0066/05R034:MOD.EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)
INDIVIDUAL POP ORGAN WEIGHTS (G) AND ORGAN/WEIGHT RATIOS

TEST GROUP 10 (0 MG/KG BW/D)

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN			THYMUS			SPLEEN		
				Weight	Ratio	Weight	Weight	Ratio	Weight	Weight	Ratio	Weight
501	1	M	59.0	1.500	2.542	0.200	0.339	0.200	0.339	0.200	0.339	0.339
	9	F	54.7	1.400	2.559	0.200	0.366	0.200	0.366	0.200	0.366	0.366
502	1	M	54.0	1.400	2.593	0.200	0.370	0.200	0.370	0.200	0.370	0.370
	8	F	56.5	1.500	2.655	0.200	0.354	0.200	0.354	0.200	0.354	0.354
503	1	M	51.9	1.559	3.004	0.221	0.426	0.186	0.358	0.186	0.358	0.358
	6	F	51.2	1.521	2.971	0.265	0.518	0.176	0.344	0.176	0.344	0.344
504	1	M	60.3	1.485	2.463	0.247	0.410	0.264	0.438	0.264	0.438	0.438
	9	F	57.2	1.474	2.577	0.279	0.488	0.216	0.378	0.216	0.378	0.378
505	1	M	53.3	1.500	2.814	0.200	0.375	0.100	0.188	0.100	0.188	0.188
	9	F	52.8	1.400	2.652	0.200	0.379	0.200	0.379	0.200	0.379	0.379
506	1	M	48.4	1.500	3.099	0.200	0.413	0.100	0.207	0.100	0.207	0.207
	11	F	52.6	1.500	2.852	0.200	0.380	0.100	0.190	0.100	0.190	0.190
507	1	M	58.7	1.600	2.726	0.200	0.341	0.200	0.341	0.200	0.341	0.341
	9	F	58.2	1.500	2.577	0.300	0.515	0.200	0.344	0.200	0.344	0.344
508	1	M	63.5	1.559	2.455	0.247	0.389	0.205	0.323	0.205	0.323	0.323
	5	F	60.4	1.508	2.497	0.265	0.439	0.208	0.344	0.208	0.344	0.344
509	1	M	63.5	1.559	2.455	0.318	0.501	0.244	0.384	0.244	0.384	0.384
	13	F	62.2	1.530	2.460	0.293	0.471	0.238	0.383	0.238	0.383	0.383
510	1	M	58.1	1.500	2.582	0.200	0.344	0.100	0.172	0.100	0.172	0.172
	11	F	58.2	1.400	2.405	0.100	0.172	0.100	0.172	0.100	0.172	0.172
511	1	M	58.8	1.559	2.651	0.201	0.342	0.212	0.361	0.212	0.361	0.361
	5	F	52.7	1.548	2.937	0.254	0.482	0.209	0.397	0.209	0.397	0.397
512	1	M	60.6	1.519	2.507	0.307	0.507	0.239	0.394	0.239	0.394	0.394
	11	F	54.4	1.497	2.752	0.293	0.539	0.259	0.476	0.259	0.476	0.476
513	1	M	65.1	1.567	2.407	0.317	0.487	0.305	0.469	0.305	0.469	0.469
	6	F	60.2	1.550	2.575	0.314	0.522	0.248	0.412	0.248	0.412	0.412
514	1	M	63.3	1.625	2.567	0.375	0.592	0.232	0.367	0.232	0.367	0.367
	9	F	60.0	1.543	2.572	0.354	0.590	0.221	0.368	0.221	0.368	0.368

3-DEC-18

05R034L2

TABLE : IIA- 1695

PROJ.NO. 90R0066/05R034:MOD.EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)
INDIVIDUAL PUP ORGAN WEIGHTS (G) AND ORGAN/WEIGHT RATIOS

TEST GROUP 10 (0 MG/KG BW/D)

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN			THYMUS			SPLEEN		
				Weight	Ratio	Weight	Weight	Ratio	Weight	Weight	Ratio	Weight
515	1 6	M	59.9	1.550	2.588	0.246	0.411	0.205	0.342			
		F	62.5	1.602	2.563	0.282	0.451	0.244	0.390			
516	1 6	M	51.2	1.300	2.539	0.200	0.391	0.100	0.195			
		F	52.6	1.400	2.662	0.200	0.380	0.100	0.190			
517	1 8	M	56.0	1.400	2.500	0.200	0.357	0.100	0.179			
		F	59.2	1.400	2.365	0.300	0.507	0.200	0.338			
518	1 5	M	73.8	1.541	2.088	0.290	0.393	0.323	0.438			
		F	67.9	1.498	2.206	0.336	0.495	0.298	0.439			
519	1 9	M	61.7	1.700	2.755	0.200	0.324	0.200	0.324			
		F	58.9	1.700	2.886	0.200	0.340	0.200	0.340			
520	1 10	M	62.9	1.500	2.385	0.200	0.318	0.200	0.318			
		F	59.1	1.400	2.369	0.200	0.338	0.200	0.338			
521	1 11	M	65.0	1.500	2.308	0.300	0.462	0.200	0.308			
		F	59.6	1.400	2.349	0.300	0.503	0.200	0.336			
522	1 8	M	60.2	1.500	2.492	0.200	0.382	0.200	0.332			
		F	57.8	1.500	2.595	0.200	0.346	0.200	0.346			
523	1 10	M	59.1	1.500	2.538	0.200	0.338	0.200	0.338			
		F	57.9	1.500	2.591	0.300	0.518	0.200	0.345			
524	1 10	M	59.5	1.500	2.521	0.200	0.336	0.200	0.336			
		F	65.7	1.400	2.131	0.300	0.457	0.300	0.457			

3-DEC-18

05R034L2

TABLE : IIA- 1696

PROJ.NO. 90R0066/05R034:MOD.EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)
INDIVIDUAL PUP ORGAN WEIGHTS (G) AND ORGAN/WEIGHT RATIOS

TEST GROUP 11 (20 MG/KG BW/D)

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN			THYMUS			SPLEEN		
				Weight	Ratio	Weight	Weight	Ratio	Weight	Weight	Ratio	Weight
525	1	M	56.3	1.500	2.664	0.200	0.355	0.200	0.355	0.200	0.355	0.355
	9	F	51.9	1.400	2.697	0.200	0.385	0.200	0.385	0.200	0.385	0.385
526	1	M	57.8	1.500	2.595	0.200	0.346	0.200	0.346	0.200	0.346	0.346
	4	F	52.0	1.400	2.692	0.100	0.192	0.200	0.385	0.200	0.385	0.385
527	1	M	63.4	1.529	2.412	0.277	0.437	0.234	0.369	0.234	0.369	0.369
	6	F	63.0	1.555	2.468	0.245	0.389	0.279	0.443	0.279	0.443	0.443
528	1	M	41.8	1.445	3.457	0.216	0.517	0.144	0.344	0.144	0.344	0.344
	9	F	42.8	1.341	3.133	0.220	0.514	0.199	0.465	0.199	0.465	0.465
529	1	M	63.4	1.600	2.524	0.200	0.315	0.200	0.315	0.200	0.315	0.315
	7	F	60.8	1.500	2.467	0.200	0.329	0.200	0.329	0.200	0.329	0.329
530	1	M	62.1	1.300	2.093	0.200	0.322	0.200	0.322	0.200	0.322	0.322
	9	F	59.7	1.600	2.680	0.200	0.335	0.200	0.335	0.200	0.335	0.335
531	1	M	55.1	1.583	2.873	0.237	0.430	0.205	0.372	0.205	0.372	0.372
	9	F	55.3	1.514	2.738	0.237	0.429	0.286	0.517	0.286	0.517	0.517
532	1	M	65.9	1.300	1.973	0.300	0.465	0.300	0.455	0.300	0.455	0.455
	9	F	59.7	1.400	2.345	0.300	0.503	0.200	0.335	0.200	0.335	0.335
533	1	M	63.9	1.600	2.504	0.200	0.313	0.300	0.469	0.300	0.469	0.469
	11	F	58.7	1.400	2.385	0.200	0.341	0.200	0.341	0.200	0.341	0.341
534	1	M	61.3	1.600	2.610	0.300	0.489	0.300	0.489	0.300	0.489	0.489
	8	F	60.3	1.500	2.488	0.300	0.498	0.200	0.332	0.200	0.332	0.332
535	1	M	55.6	1.500	2.698	0.200	0.360	0.200	0.360	0.200	0.360	0.360
	5	F	53.9	1.500	2.783	0.200	0.371	0.200	0.371	0.200	0.371	0.371
536	1	M	59.0	1.583	2.683	0.261	0.442	0.242	0.410	0.242	0.410	0.410
	8	F	54.4	1.450	2.665	0.263	0.483	0.237	0.436	0.237	0.436	0.436
537	1	M	56.8	1.400	2.465	0.300	0.528	0.200	0.352	0.200	0.352	0.352
	10	F	58.0	1.400	2.414	0.300	0.517	0.200	0.345	0.200	0.345	0.345
538	1	M	55.6	1.500	2.698	0.200	0.360	0.200	0.360	0.200	0.360	0.360
	10	F	52.5	1.400	2.667	0.200	0.381	0.200	0.381	0.200	0.381	0.381

3-DEC-18

05R034L2

TABLE : IIA- 1697

PROJ.NO. 90R0066/05R034:MOD.EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)
INDIVIDUAL PUP ORGAN WEIGHTS (G) AND ORGAN/WEIGHT RATIOS

TEST GROUP 11 (20 MG/KG BW/D)

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN			THYMUS			SPLEEN		
				Weight	Ratio	Weight	Weight	Ratio	Weight	Weight	Ratio	Weight
539	1	M	63.9	1.500	2.347	0.200	0.343	0.200	0.313	0.200	0.313	0.313
	6	F	58.4	1.500	2.568	0.200	0.342	0.200	0.342	0.200	0.342	0.342
540	1	M	60.3	1.618	2.683	0.197	0.327	0.257	0.426	0.257	0.426	0.426
	9	F	58.5	1.565	2.675	0.245	0.419	0.287	0.491	0.287	0.491	0.491
541	1	M	65.5	1.600	2.443	0.200	0.305	0.200	0.305	0.200	0.305	0.305
	6	F	59.1	1.500	2.538	0.300	0.508	0.200	0.338	0.200	0.338	0.338
542	1	M	63.2	1.600	2.532	0.200	0.316	0.200	0.316	0.200	0.316	0.316
	9	F	61.1	1.500	2.455	0.200	0.327	0.200	0.327	0.200	0.327	0.327
543	1	M	61.9	1.500	2.423	0.300	0.485	0.200	0.323	0.200	0.323	0.323
	8	F	58.6	1.500	2.560	0.200	0.341	0.200	0.341	0.200	0.341	0.341
544	1	M	64.3	1.500	2.333	0.200	0.311	0.200	0.311	0.200	0.311	0.311
	10	F	57.7	1.500	2.600	0.200	0.347	0.200	0.347	0.200	0.347	0.347
545	1	M	63.3	1.600	2.528	0.200	0.316	0.300	0.474	0.300	0.474	0.474
	9	F	56.7	1.400	2.469	0.300	0.529	0.200	0.353	0.200	0.353	0.353
546	1	M	59.2	1.596	2.696	0.218	0.368	0.174	0.294	0.174	0.294	0.294
	8	F	56.9	1.501	2.638	0.241	0.424	0.218	0.383	0.218	0.383	0.383
547	1	M	64.3	1.539	2.393	0.273	0.425	0.313	0.487	0.313	0.487	0.487
	11	F	59.4	1.482	2.495	0.245	0.412	0.312	0.525	0.312	0.525	0.525
548	1	M	59.1	1.500	2.538	0.200	0.338	0.300	0.508	0.300	0.508	0.508
	7	F	51.1	1.500	2.935	0.200	0.391	0.100	0.196	0.100	0.196	0.196

3-DEC-18

05R034L2

TABLE : IIA- 1698

PROJ.NO. 90R0066/05R034:MOD.EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)
INDIVIDUAL PUP ORGAN WEIGHTS (G) AND ORGAN/WEIGHT RATIOS

TEST GROUP 12 (60 MG/KG BW/D)

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN			THYMUS			SPLEEN		
				Weight	Ratio	Weight	Weight	Ratio	Weight	Weight	Ratio	Weight
549	1	M	56.5	1.500	2.655	0.200	0.354	0.100	0.177			
	13	F	56.0	1.400	2.500	0.200	0.357	0.200	0.357			
551	1	M	66.9	1.500	2.242	0.300	0.448	0.200	0.299			
	5	F	65.4	1.500	2.294	0.300	0.459	0.300	0.459			
552	1	M	61.7	1.542	2.499	0.236	0.382	0.213	0.345			
	5	F	60.3	1.471	2.439	0.275	0.456	0.228	0.378			
554	1	M	56.9	1.600	2.812	0.200	0.351	0.200	0.351			
	7	F	56.9	1.500	2.636	0.200	0.351	0.200	0.351			
555	1	M	46.5	1.400	3.011	0.100	0.215	0.200	0.430			
	7	F	62.5	1.500	2.400	0.200	0.320	0.100	0.160			
556	1	M	52.1	1.400	2.687	0.300	0.576	0.100	0.192			
	13	F	52.8	1.400	2.652	0.200	0.379	0.100	0.189			
557	1	M	60.3	1.617	2.682	0.250	0.415	0.262	0.434			
	7	F	59.1	1.574	2.663	0.334	0.565	0.236	0.399			
558	1	M	64.9	1.600	2.465	0.200	0.308	0.200	0.308			
	8	F	57.1	1.400	2.452	0.200	0.350	0.200	0.350			
559	1	M	60.3	1.524	2.527	0.223	0.370	0.232	0.385			
	10	F	57.0	1.489	2.612	0.240	0.421	0.273	0.479			
560	1	M	56.5	1.500	2.655	0.200	0.354	0.200	0.354			
	7	F	55.5	1.400	2.523	0.200	0.360	0.200	0.360			
561	1	M	57.6	1.400	2.431	0.300	0.521	0.200	0.347			
	9	F	55.9	1.400	2.504	0.200	0.358	0.200	0.358			
562	1	M	57.7	1.400	2.426	0.100	0.173	0.200	0.347			
	9	F	60.0	1.400	2.333	0.100	0.167	0.200	0.333			
563	2	M	60.3	1.500	2.488	0.200	0.332	0.200	0.332			
	9	F	58.0	1.500	2.586	0.200	0.345	0.200	0.345			
564	1	M	51.4	1.400	2.724	0.200	0.389	0.200	0.389			
	11	F	49.5	1.400	2.828	0.200	0.404	0.200	0.404			

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05R034L2

TABLE : IIA- 1699

PROJ.NO. 90R0066/05R034:MOD.EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)
INDIVIDUAL PUP ORGAN WEIGHTS (G) AND ORGAN/WEIGHT RATIOS

TEST GROUP 12 (60 MG/KG BW/D)

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN			THYMUS			SPLEEN		
				Weight	Ratio	Weight	Weight	Ratio	Weight	Weight	Ratio	Weight
565	1 4	M	53.0	1.526	2.879	0.245	0.462	0.175	0.330			
		F	50.2	1.480	2.948	0.239	0.476	0.179	0.357			
566	1 8	M	65.7	1.673	2.546	0.285	0.434	0.235	0.358			
		F	64.9	1.588	2.447	0.286	0.441	0.274	0.422			
567	1 6	M	62.4	1.700	2.724	0.300	0.481	0.200	0.321			
		F	58.2	1.500	2.577	0.200	0.344	0.200	0.344			
568	1 10	M	57.3	1.560	2.723	0.272	0.475	0.274	0.478			
		F	50.9	1.555	3.055	0.234	0.460	0.247	0.485			
569	1 7	M	57.4	1.400	2.439	0.200	0.348	0.100	0.174			
		F	55.8	1.400	2.509	0.200	0.358	0.100	0.179			
570	1 4	M	56.1	1.400	2.496	0.200	0.357	0.200	0.357			
		F	53.1	1.500	2.825	0.200	0.377	0.200	0.377			
571	1 10	M	54.9	1.500	2.732	0.100	0.182	0.100	0.182			
		F	54.2	1.500	2.768	0.200	0.369	0.200	0.369			

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05R034L2

TABLE : IIA- 1700

PROJ.NO. 90R0066/05R034:MOD.EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)
INDIVIDUAL PUP ORGAN WEIGHTS (G) AND ORGAN/WEIGHT RATIOS

TEST GROUP 13 (180 MG/KG BW/D)

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN			THYMUS			SPLEEN		
				Weight	Ratio	Weight	Weight	Ratio	Weight	Weight	Ratio	Weight
573	1	M	61.6	1.553	2.521	0.303	0.492	0.283	0.459			
	4	F	58.0	1.519	2.619	0.339	0.584	0.253	0.436			
574	1	M	62.6	1.600	2.556	0.300	0.479	0.300	0.479			
	8	F	58.4	1.500	2.568	0.300	0.514	0.200	0.342			
576	1	M	50.2	1.500	2.988	0.200	0.398	0.100	0.199			
	8	F	46.1	1.400	3.037	0.200	0.434	0.100	0.217			
577	1	M	61.7	1.600	2.593	0.200	0.324	0.200	0.324			
	4	F	57.7	1.500	2.600	0.200	0.347	0.200	0.347			
578	1	M	57.6	1.400	2.431	0.200	0.347	0.200	0.347			
	9	F	57.8	1.500	2.595	0.200	0.346	0.100	0.173			
579	1	M	56.7	1.500	2.646	0.200	0.353	0.200	0.353			
	8	F	61.2	1.500	2.451	0.200	0.327	0.200	0.327			
580	1	M	65.5	1.400	2.137	0.200	0.305	0.300	0.458			
	3	F	62.8	1.500	2.389	0.300	0.478	0.300	0.478			
582	1	M	70.2	1.600	2.279	0.200	0.285	0.200	0.285			
	4	F	70.7	1.600	2.263	0.300	0.424	0.300	0.424			
583	1	M	51.7	1.400	2.708	0.100	0.193	0.100	0.193			
	9	F	51.6	1.500	2.907	0.200	0.388	0.200	0.388			
584	1	M	56.6	1.500	2.650	0.200	0.353	0.200	0.353			
	4	F	52.1	1.500	2.879	0.200	0.384	0.200	0.384			
585	1	M	60.0	1.556	2.593	0.266	0.443	0.249	0.415			
	9	F	56.1	1.517	2.704	0.297	0.529	0.235	0.419			
586	1	M	59.1	1.588	2.687	0.218	0.369	0.194	0.328			
	4	F	57.7	1.608	2.787	0.244	0.423	0.174	0.302			
587	1	M	76.9	1.500	1.951	0.200	0.260	0.300	0.390			
	3	F	68.4	1.500	2.193	0.200	0.292	0.200	0.292			
588	1	M	67.1	1.578	2.352	0.216	0.322	0.320	0.477			
	6	F	61.7	1.577	2.556	0.210	0.340	0.245	0.397			

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05R034L2

TABLE : IIA- 1701

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)
INDIVIDUAL PUP ORGAN WEIGHTS (G) AND ORGAN/WEIGHT RATIOS

TEST GROUP 13 (180 MG/KG BW/D)

Animal Number	Pup No.	Sex	Final Body Weight	BRAIN			THYMUS			SPLEEN		
				Weight	Ratio	Weight	Weight	Ratio	Weight	Weight	Ratio	Weight
589	1 4	M	73.0	1.600	2.192	0.300	0.411	0.400	0.548			
		F	70.8	1.500	2.119	0.200	0.282	0.300	0.424			
590	1	M	70.6	1.500	2.125	0.200	0.283	0.200	0.283			
591	1 8	M	67.2	1.600	2.381	0.300	0.446	0.300	0.446			
		F	61.8	1.500	2.427	0.300	0.485	0.200	0.324			
592	1 10	M	61.3	1.500	2.447	0.200	0.326	0.300	0.489			
		F	54.4	1.500	2.757	0.200	0.368	0.200	0.368			
594	1 10	M	66.1	1.500	2.269	0.200	0.303	0.200	0.303			
		F	57.8	1.400	2.422	0.200	0.346	0.200	0.346			
595	1 10	M	58.9	1.564	2.655	0.330	0.560	0.261	0.443			
		F	56.5	1.610	2.850	0.261	0.462	0.300	0.531			
596	1 10	M	49.8	1.400	2.811	0.100	0.201	0.100	0.201			
		F	43.4	1.400	3.226	0.200	0.461	0.100	0.230			

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05R034L2

TABLE : IIA- 1702

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)
INDIVIDUAL PUP NECROPSY OBSERVATIONS

TEST GROUP 10 (0 MG/KG BW/D)

FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE
501	1	K	21	NOTHING ABNORMAL DETECTED	R
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	DILATED RENAL PELVIS	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	S		POST MORTEM AUTOLYSIS	
502	1	K	21	NOTHING ABNORMAL DETECTED	B
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	K	21	NOTHING ABNORMAL DETECTED	
	7	S		POST MORTEM AUTOLYSIS	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	DILATED RENAL PELVIS	
	11	K	21	NOTHING ABNORMAL DETECTED	
503	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	K	21	NOTHING ABNORMAL DETECTED	
	7	K	21	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	C	4	NOTHING ABNORMAL DETECTED	
	12	C	4	NOTHING ABNORMAL DETECTED	

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: S-STILLBORN C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

3-DEC-18 05R034L2
TABLE : IIA- 1703

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)

TEST GROUP 10 (0 MG/KG BW/D)

INDIVIDUAL PUP NECROPSY OBSERVATIONS

FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE
504	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	C	4	NOTHING ABNORMAL DETECTED	
	15	C	4	NOTHING ABNORMAL DETECTED	
505	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	K	21	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
506	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	C	4	NOTHING ABNORMAL DETECTED	
	10	C	4	NOTHING ABNORMAL DETECTED	

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE , 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

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05R034L2
TABLE : IIA-
1704

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)

TEST GROUP 10 (0 MG/KG BW/D)

INDIVIDUAL PUP NECROPSY OBSERVATIONS

FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE
506 (CONTINUED)	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	K	21	NOTHING ABNORMAL DETECTED	
	15	K	21	NOTHING ABNORMAL DETECTED	
	16	C	4	NOTHING ABNORMAL DETECTED	
	17	C	4	NOTHING ABNORMAL DETECTED	
	18	C	4	NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
507	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	C	4	NOTHING ABNORMAL DETECTED	
	15	C	4	NOTHING ABNORMAL DETECTED	
	16	C	4	NOTHING ABNORMAL DETECTED	
	17	C	4	NOTHING ABNORMAL DETECTED	
	18	C	4	NOTHING ABNORMAL DETECTED	
	19	C	4	NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	K	21	NOTHING ABNORMAL DETECTED	
	7	K	21	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
508	10	K	21	NOTHING ABNORMAL DETECTED	
	11	C	4	NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	K	21	NOTHING ABNORMAL DETECTED	
	7	K	21	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	C	4	NOTHING ABNORMAL DETECTED	

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

3-DEC-18		TABLE : IIA-		1705
PROJ.NO. 90R0066/05R034:MOD.EXTENDED ONE-GENERATION REPRODUCTION TOX.STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER) INDIVIDUAL PUP NECROPSY OBSERVATIONS				
TEST GROUP 10 (0 MG/KG BW/D)				
FEMALE#	PUP#	STATUS	DAY	OBSERVATION
508 (CONTINUED)				
508	12	C	4	NOTHING ABNORMAL DETECTED
	13	C	4	NOTHING ABNORMAL DETECTED
	1	K	21	NOTHING ABNORMAL DETECTED
	2	K	21	NOTHING ABNORMAL DETECTED
	3	K	21	NOTHING ABNORMAL DETECTED
	4	K	21	NOTHING ABNORMAL DETECTED
	5	K	21	NOTHING ABNORMAL DETECTED
	6	K	21	NOTHING ABNORMAL DETECTED
	7	K	21	NOTHING ABNORMAL DETECTED
	8	K	21	NOTHING ABNORMAL DETECTED
	9	C	4	NOTHING ABNORMAL DETECTED
	10	C	4	NOTHING ABNORMAL DETECTED
	11	C	4	NOTHING ABNORMAL DETECTED
12	C	4	NOTHING ABNORMAL DETECTED	
13	K	21	NOTHING ABNORMAL DETECTED	
510	1	K	21	NOTHING ABNORMAL DETECTED
	2	K	21	NOTHING ABNORMAL DETECTED
	3	K	21	NOTHING ABNORMAL DETECTED
	4	K	21	NOTHING ABNORMAL DETECTED
	5	K	21	NOTHING ABNORMAL DETECTED
	6	C	4	NOTHING ABNORMAL DETECTED
	7	C	4	NOTHING ABNORMAL DETECTED
	8	C	4	NOTHING ABNORMAL DETECTED
	9	C	4	NOTHING ABNORMAL DETECTED
	10	C	4	NOTHING ABNORMAL DETECTED
	11	K	21	NOTHING ABNORMAL DETECTED
	12	K	21	NOTHING ABNORMAL DETECTED
	13	K	21	DILATED RENAL PELVIS
	14	K	21	NOTHING ABNORMAL DETECTED
	15	K	21	NOTHING ABNORMAL DETECTED
	16	C	4	NOTHING ABNORMAL DETECTED
511	1	K	21	NOTHING ABNORMAL DETECTED
	2	K	21	NOTHING ABNORMAL DETECTED
	3	K	21	NOTHING ABNORMAL DETECTED
	4	K	21	NOTHING ABNORMAL DETECTED
	5	K	21	NOTHING ABNORMAL DETECTED
	6	K	21	NOTHING ABNORMAL DETECTED
POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT				
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE				
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH				

R

3-DEC-18	05R034L2	TABLE : IIA-	1706
PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER) INDIVIDUAL PUP NECROPSY OBSERVATIONS			
TEST GROUP 10 (0 MG/KG BW/D)			
FEMALE#	PUP#	STATUS	DAY OBSERVATION POSITION/GRADE
511 (CONTINUED)			
512	7	K	21 NOTHING ABNORMAL DETECTED
	8	K	21 NOTHING ABNORMAL DETECTED
	9	K	21 NOTHING ABNORMAL DETECTED
	10	K	21 NOTHING ABNORMAL DETECTED
	11	C	4 NOTHING ABNORMAL DETECTED
	1	K	21 NOTHING ABNORMAL DETECTED
	2	K	21 NOTHING ABNORMAL DETECTED
	3	K	21 NOTHING ABNORMAL DETECTED
	4	K	21 NOTHING ABNORMAL DETECTED
	5	K	21 NOTHING ABNORMAL DETECTED
	6	C	4 NOTHING ABNORMAL DETECTED
513	7	C	4 NOTHING ABNORMAL DETECTED
	8	C	4 NOTHING ABNORMAL DETECTED
	9	C	4 NOTHING ABNORMAL DETECTED
	10	C	4 NOTHING ABNORMAL DETECTED
	11	K	21 NOTHING ABNORMAL DETECTED
	12	K	21 NOTHING ABNORMAL DETECTED
	13	K	21 NOTHING ABNORMAL DETECTED
	14	K	21 NOTHING ABNORMAL DETECTED
	15	K	21 NOTHING ABNORMAL DETECTED
	16	D	3 POST MORTEM AUTOLYSIS
	1	K	21 NOTHING ABNORMAL DETECTED
514	2	K	21 NOTHING ABNORMAL DETECTED
	3	K	21 NOTHING ABNORMAL DETECTED
	4	K	21 NOTHING ABNORMAL DETECTED
	5	K	21 NOTHING ABNORMAL DETECTED
	6	K	21 NOTHING ABNORMAL DETECTED
	7	K	21 NOTHING ABNORMAL DETECTED
	8	K	21 NOTHING ABNORMAL DETECTED
	9	K	21 NOTHING ABNORMAL DETECTED
	10	K	21 NOTHING ABNORMAL DETECTED
	11	C	4 NOTHING ABNORMAL DETECTED
	12	C	4 NOTHING ABNORMAL DETECTED
	13	C	4 NOTHING ABNORMAL DETECTED
	14	S	4 NOTHING ABNORMAL DETECTED
	1	K	21 NOTHING ABNORMAL DETECTED
	2	K	21 NOTHING ABNORMAL DETECTED

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
 PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED K-SCHEDULED SACRIFICE
 NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

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05R034L2

TABLE : IIA- 1707

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)
INDIVIDUAL PUP NECROPSY OBSERVATIONS

TEST GROUP 10 (0 MG/KG BW/D)

FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE
514 (CONTINUED)	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	8	S		NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	C	4	NOTHING ABNORMAL DETECTED	
	15	C	4	NOTHING ABNORMAL DETECTED	
	16	C	4	NOTHING ABNORMAL DETECTED	
	17	C	4	NOTHING ABNORMAL DETECTED	
515	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	K	21	NOTHING ABNORMAL DETECTED	
	7	K	21	DILATED RENAL PELVIS	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	C	4	NOTHING ABNORMAL DETECTED	
	12	C	4	NOTHING ABNORMAL DETECTED	
	13	C	4	NOTHING ABNORMAL DETECTED	
	14	C	4	NOTHING ABNORMAL DETECTED	
516	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	K	21	NOTHING ABNORMAL DETECTED	
	7	K	21	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: S-STILLBORN C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

3-DEC-18

05R034L2

TABLE : IIA-

1708

PROJ.NO. 90R0066/05R034:MOD.EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)
INDIVIDUAL PUP NECROPSY OBSERVATIONS

TEST GROUP 10 (0 MG/KG BW/D)

FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE	
516 (CONTINUED)	11	C	4	NOTHING ABNORMAL DETECTED		
	517	1	K	21	NOTHING ABNORMAL DETECTED	
		2	K	21	NOTHING ABNORMAL DETECTED	
		3	K	21	NOTHING ABNORMAL DETECTED	
		4	K	21	NOTHING ABNORMAL DETECTED	
		5	K	21	NOTHING ABNORMAL DETECTED	
		6	C	4	NOTHING ABNORMAL DETECTED	
		7	C	4	NOTHING ABNORMAL DETECTED	
		8	K	21	NOTHING ABNORMAL DETECTED	
		9	K	21	NOTHING ABNORMAL DETECTED	
		10	K	21	NOTHING ABNORMAL DETECTED	
		11	K	21	NOTHING ABNORMAL DETECTED	
		12	K	21	NOTHING ABNORMAL DETECTED	
		13	C	4	NOTHING ABNORMAL DETECTED	
14		C	4	NOTHING ABNORMAL DETECTED		
518	1	K	21	NOTHING ABNORMAL DETECTED		
	2	K	21	NOTHING ABNORMAL DETECTED		
	3	K	21	NOTHING ABNORMAL DETECTED		
	4	K	21	NOTHING ABNORMAL DETECTED		
	5	K	21	NOTHING ABNORMAL DETECTED		
	6	K	21	NOTHING ABNORMAL DETECTED		
519	1	K	21	NOTHING ABNORMAL DETECTED		
	2	K	21	NOTHING ABNORMAL DETECTED		
	3	K	21	NOTHING ABNORMAL DETECTED		
	4	K	21	NOTHING ABNORMAL DETECTED		
	5	K	21	NOTHING ABNORMAL DETECTED		
	6	C	4	NOTHING ABNORMAL DETECTED		
	7	C	4	NOTHING ABNORMAL DETECTED		
	9	K	21	NOTHING ABNORMAL DETECTED		
	10	K	21	NOTHING ABNORMAL DETECTED		
	11	K	21	NOTHING ABNORMAL DETECTED		
	12	K	21	NOTHING ABNORMAL DETECTED		
	13	K	21	NOTHING ABNORMAL DETECTED		
	520	1	K	21	NOTHING ABNORMAL DETECTED	
2		K	21	NOTHING ABNORMAL DETECTED		
3		K	21	NOTHING ABNORMAL DETECTED		

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
 PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE
 NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

3-DEC-18
05R034L2
TABLE : IIA-
1709

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)

TEST GROUP 10 (0 MG/KG BW/D)

INDIVIDUAL PUP NECROPSY OBSERVATIONS

FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE
520 (CONTINUED)					
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	D	1	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	K	21	NOTHING ABNORMAL DETECTED	
	15	C	4	NOTHING ABNORMAL DETECTED	
	16	C	4	NOTHING ABNORMAL DETECTED	
	17	C	4	NOTHING ABNORMAL DETECTED	
521					
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	C	4	NOTHING ABNORMAL DETECTED	
	10	S		NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	K	21	NOTHING ABNORMAL DETECTED	
	15	K	21	NOTHING ABNORMAL DETECTED	
	16	C	4	NOTHING ABNORMAL DETECTED	
	17	S		NOTHING ABNORMAL DETECTED	
522					
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	SMALL TESTIS	L
				IN ADDITION REDDISH DISCOLORED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

3-DEC-18		TABLE : IIA-		1710	
05R034L2		PROJ.NO. 90R0066/05R034:MOD.EXTENDED ONE-GENERATION REPRODUCTION TOX STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER) INDIVIDUAL PUP NECROPSY OBSERVATIONS			
TEST GROUP 10 (0 MG/KG BW/D)					
FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE
522 (CONTINUED)					
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	C	4	NOTHING ABNORMAL DETECTED	
	14	C	4	NOTHING ABNORMAL DETECTED	
523					
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	C	4	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	K	21	NOTHING ABNORMAL DETECTED	
	15	C	4	NOTHING ABNORMAL DETECTED	
	16	C	4	NOTHING ABNORMAL DETECTED	
524					
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	DILATED RENAL PELVIS	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	C	4	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	K	21	NOTHING ABNORMAL DETECTED	
POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT					
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE					
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH					

R

3-DEC-18
05R034L2

TABLE : IIA- 1711

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)
INDIVIDUAL PUP NECROPSY OBSERVATIONS

TEST GROUP 10 (0 MG/KG BW/D)

FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE
524 (CONTINUED)	15	C	4	NOTHING ABNORMAL DETECTED	
POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE					
PUP STATUS CODES: C-CULLED					
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH					

1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

3-DEC-18	05R034L2	TABLE : IIA-	1712	
PROJ.NO. 90R0066/05R034:MOD.EXTENDED ONE-GENERATION REPRODUCTION TOX STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER) INDIVIDUAL PUP NECROPSY OBSERVATIONS				
TEST GROUP 11 (20 MG/KG BW/D)				
FEMALE#	PUP#	STATUS	DAY OBSERVATION POSITION/GRADE	
525	1	K	21 NOTHING ABNORMAL DETECTED	
	2	K	21 NOTHING ABNORMAL DETECTED	
	3	K	21 NOTHING ABNORMAL DETECTED	
	4	K	21 NOTHING ABNORMAL DETECTED	
	5	K	21 NOTHING ABNORMAL DETECTED	
	6	C	4 NOTHING ABNORMAL DETECTED	
	7	C	4 NOTHING ABNORMAL DETECTED	
	8	C	4 NOTHING ABNORMAL DETECTED	
	9	K	21 NOTHING ABNORMAL DETECTED	
	10	K	21 NOTHING ABNORMAL DETECTED	
	11	K	21 NOTHING ABNORMAL DETECTED	
	12	K	21 NOTHING ABNORMAL DETECTED	
	13	K	21 NOTHING ABNORMAL DETECTED	
	14	C	4 NOTHING ABNORMAL DETECTED	
	15	C	4 NOTHING ABNORMAL DETECTED	
526	1	K	21 NOTHING ABNORMAL DETECTED	
	2	K	21 NOTHING ABNORMAL DETECTED	
	3	K	21 NOTHING ABNORMAL DETECTED	
	4	K	21 NOTHING ABNORMAL DETECTED	
	5	K	21 NOTHING ABNORMAL DETECTED	
	6	K	21 NOTHING ABNORMAL DETECTED	
	7	K	21 NOTHING ABNORMAL DETECTED	
	8	K	21 NOTHING ABNORMAL DETECTED	
	9	K	21 NOTHING ABNORMAL DETECTED	
	10	K	21 NOTHING ABNORMAL DETECTED	
527	1	K	21 NOTHING ABNORMAL DETECTED	
	2	K	21 NOTHING ABNORMAL DETECTED	
	3	K	21 NOTHING ABNORMAL DETECTED	
	4	K	21 NOTHING ABNORMAL DETECTED	
	5	S	POST MORTEM AUTOLYSIS	
	6	K	21 NOTHING ABNORMAL DETECTED	
	7	K	21 DILATED RENAL PEIVIS	
	8	K	21 NOTHING ABNORMAL DETECTED	
	9	K	21 NOTHING ABNORMAL DETECTED	
528	1	K	21 NOTHING ABNORMAL DETECTED	
	2	K	21 NOTHING ABNORMAL DETECTED	
POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE , 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT PUP STATUS CODES: S-STILLBORN C-CULLED K-SCHEDULED SACRIFICE NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH				

B

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
 PUP STATUS CODES: S-STILLBORN C-CULLED K-SCHEDULED SACRIFICE
 NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

3-DEC-18
05R034L2
TABLE : IIA- 1713

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)

INDIVIDUAL PUP NECROPSY OBSERVATIONS

TEST GROUP 11 (20 MG/KG BW/D)

FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE
528 (CONTINUED)	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	C	4	NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
529	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	K	21	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	C	4	NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
530	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	C	4	NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

3-DEC-18

05R034L2

TABLE : IIA- 1714

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)
INDIVIDUAL PUP NECROPSY OBSERVATIONS

TEST GROUP 11 (20 MG/KG BW/D)

FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE
531	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	C	4	NOTHING ABNORMAL DETECTED	
	15	C	4	NOTHING ABNORMAL DETECTED	
532	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	C	4	NOTHING ABNORMAL DETECTED	
	15	C	4	NOTHING ABNORMAL DETECTED	
	16	C	4	NOTHING ABNORMAL DETECTED	
533	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE , 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

3-DEC-18		TABLE : IIA-		1715
PROJ.NO. 90R0066/05R034:MOD.EXTENDED ONE-GENERATION REPRODUCTION TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER) INDIVIDUAL PUP NECROPSY OBSERVATIONS				
TEST GROUP 11 (20 MG/KG BW/D)				
FEMALE#	PUP#	STATUS	DAY	OBSERVATION
533 (CONTINUED)				
534	8	C	4	NOTHING ABNORMAL DETECTED
	9	C	4	NOTHING ABNORMAL DETECTED
	10	C	4	NOTHING ABNORMAL DETECTED
	11	K	21	NOTHING ABNORMAL DETECTED
	12	K	21	NOTHING ABNORMAL DETECTED
	13	K	21	NOTHING ABNORMAL DETECTED
	14	K	21	NOTHING ABNORMAL DETECTED
	15	K	21	NOTHING ABNORMAL DETECTED
	1	K	21	NOTHING ABNORMAL DETECTED
	2	K	21	NOTHING ABNORMAL DETECTED
	3	K	21	NOTHING ABNORMAL DETECTED
	4	K	21	NOTHING ABNORMAL DETECTED
	5	K	21	NOTHING ABNORMAL DETECTED
	6	C	4	NOTHING ABNORMAL DETECTED
	7	C	4	NOTHING ABNORMAL DETECTED
	8	K	21	NOTHING ABNORMAL DETECTED
535	9	K	21	NOTHING ABNORMAL DETECTED
	10	K	21	NOTHING ABNORMAL DETECTED
	11	K	21	NOTHING ABNORMAL DETECTED
	12	K	21	NOTHING ABNORMAL DETECTED
	13	C	4	NOTHING ABNORMAL DETECTED
	14	C	4	NOTHING ABNORMAL DETECTED
	15	C	4	NOTHING ABNORMAL DETECTED
	16	C	4	NOTHING ABNORMAL DETECTED
	1	K	21	NOTHING ABNORMAL DETECTED
	2	K	21	NOTHING ABNORMAL DETECTED
	3	K	21	NOTHING ABNORMAL DETECTED
	4	K	21	NOTHING ABNORMAL DETECTED
	5	K	21	NOTHING ABNORMAL DETECTED
	6	K	21	NOTHING ABNORMAL DETECTED
	7	K	21	NOTHING ABNORMAL DETECTED
	8	K	21	NOTHING ABNORMAL DETECTED
536	9	K	21	NOTHING ABNORMAL DETECTED
	10	K	21	NOTHING ABNORMAL DETECTED
	11	C	4	NOTHING ABNORMAL DETECTED
	12	C	4	NOTHING ABNORMAL DETECTED
	1	K	21	NOTHING ABNORMAL DETECTED
POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH				

3-DEC-18		TABLE : IIA-		1716
05R034L2		PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER) INDIVIDUAL PUP NECROPSY OBSERVATIONS		
TEST GROUP 11 (20 MG/KG BW/D)				
FEMALE#	PUP#	STATUS	DAY	OBSERVATION
536 (CONTINUED)				
537	2	K	21	NOTHING ABNORMAL DETECTED
	3	K	21	NOTHING ABNORMAL DETECTED
	4	K	21	NOTHING ABNORMAL DETECTED
	5	K	21	NOTHING ABNORMAL DETECTED
	6	C	4	NOTHING ABNORMAL DETECTED
	7	C	4	NOTHING ABNORMAL DETECTED
	8	K	21	NOTHING ABNORMAL DETECTED
	9	K	21	NOTHING ABNORMAL DETECTED
	10	K	21	NOTHING ABNORMAL DETECTED
	11	K	21	NOTHING ABNORMAL DETECTED
	12	K	21	NOTHING ABNORMAL DETECTED
	13	C	4	NOTHING ABNORMAL DETECTED
	1	K	21	NOTHING ABNORMAL DETECTED
	2	K	21	NOTHING ABNORMAL DETECTED
	3	K	21	NOTHING ABNORMAL DETECTED
538	4	K	21	NOTHING ABNORMAL DETECTED
	5	K	21	NOTHING ABNORMAL DETECTED
	6	C	4	NOTHING ABNORMAL DETECTED
	7	C	4	NOTHING ABNORMAL DETECTED
	8	C	4	NOTHING ABNORMAL DETECTED
	9	C	4	NOTHING ABNORMAL DETECTED
	10	K	21	NOTHING ABNORMAL DETECTED
	11	K	21	NOTHING ABNORMAL DETECTED
	12	K	21	NOTHING ABNORMAL DETECTED
	13	K	21	NOTHING ABNORMAL DETECTED
	14	K	21	NOTHING ABNORMAL DETECTED
	15	C	4	NOTHING ABNORMAL DETECTED
	1	K	21	DILATED RENAL PELVIS
	2	K	21	NOTHING ABNORMAL DETECTED
	3	K	21	NOTHING ABNORMAL DETECTED
	4	K	21	NOTHING ABNORMAL DETECTED
	5	K	21	NOTHING ABNORMAL DETECTED
	6	C	4	NOTHING ABNORMAL DETECTED
	7	C	4	NOTHING ABNORMAL DETECTED
	8	C	4	NOTHING ABNORMAL DETECTED
	10	K	21	NOTHING ABNORMAL DETECTED
	11	K	21	NOTHING ABNORMAL DETECTED
	12	K	21	NOTHING ABNORMAL DETECTED
	13	K	21	NOTHING ABNORMAL DETECTED
	14	K	21	NOTHING ABNORMAL DETECTED
	15	C	4	NOTHING ABNORMAL DETECTED
POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT				
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE				
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH				

3-DEC-18

05R034L2

TABLE : IIA-1717

PROJ.NO. 90R0066/05R034:MOD.EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)
INDIVIDUAL PUP NECROPSY OBSERVATIONS

TEST GROUP 11 (20 MG/KG BW/D)

FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE
538 (CONTINUED)	13	K	21	NOTHING ABNORMAL DETECTED	
	14	K	21	NOTHING ABNORMAL DETECTED	
	15	C	4	NOTHING ABNORMAL DETECTED	
	16	C	4	NOTHING ABNORMAL DETECTED	
539	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	K	21	NOTHING ABNORMAL DETECTED	
	7	K	21	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	C	4	NOTHING ABNORMAL DETECTED	
	12	C	4	NOTHING ABNORMAL DETECTED	
	13	C	4	NOTHING ABNORMAL DETECTED	
540	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	C	4	NOTHING ABNORMAL DETECTED	
	15	C	4	NOTHING ABNORMAL DETECTED	
	16	C	4	NOTHING ABNORMAL DETECTED	
	17	C	4	NOTHING ABNORMAL DETECTED	
541	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE / 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

3-DEC-18
05R034L2
TABLE : IIA-
1718

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)

INDIVIDUAL PUP NECROPSY OBSERVATIONS

TEST GROUP 11 (20 MG/KG BW/D)

FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE
541 (CONTINUED)	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	K	21	NOTHING ABNORMAL DETECTED	
	7	K	21	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
542	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	K	21	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	S		NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
543	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	C	4	NOTHING ABNORMAL DETECTED	
	14	C	4	NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
544	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: S-STILLBORN C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

3-DEC-18
05R034L2
TABLE : IIA- 1719

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)

TEST GROUP 11 (20 MG/KG BW/D)

INDIVIDUAL PUP NECROPSY OBSERVATIONS

FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE
544 (CONTINUED)	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	C	4	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	K	21	NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
545	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	C	4	NOTHING ABNORMAL DETECTED	
	15	C	4	NOTHING ABNORMAL DETECTED	
	16	C	4	NOTHING ABNORMAL DETECTED	
	17	C	4	NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
546	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

3-DEC-18
05R034L2
TABLE : IIA- 1720

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)

TEST GROUP 11 (20 MG/KG BW/D)

INDIVIDUAL PUP NECROPSY OBSERVATIONS

FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE
546 (CONTINUED)	13	C	4	NOTHING ABNORMAL DETECTED	
	14	C	4	NOTHING ABNORMAL DETECTED	
	15	C	4	NOTHING ABNORMAL DETECTED	
547	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	C	4	NOTHING ABNORMAL DETECTED	
	10	C	4	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	K	21	NOTHING ABNORMAL DETECTED	
	15	K	21	NOTHING ABNORMAL DETECTED	
	16	C	4	NOTHING ABNORMAL DETECTED	
548	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	K	21	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	C	4	NOTHING ABNORMAL DETECTED	
	13	C	4	NOTHING ABNORMAL DETECTED	

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

3-DEC-18
05R034L2
TABLE : IIA- 1721

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)

INDIVIDUAL PUP NECROPSY OBSERVATIONS

TEST GROUP 12 (60 MG/KG BW/D)

FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE
549	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	C	4	NOTHING ABNORMAL DETECTED	
	10	C	4	NOTHING ABNORMAL DETECTED	
	11	C	4	NOTHING ABNORMAL DETECTED	
	12	C	4	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	K	21	NOTHING ABNORMAL DETECTED	
	15	K	21	NOTHING ABNORMAL DETECTED	
	16	K	21	NOTHING ABNORMAL DETECTED	
	17	K	21	NOTHING ABNORMAL DETECTED	
551	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	K	21	NOTHING ABNORMAL DETECTED	
	7	K	21	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	C	4	NOTHING ABNORMAL DETECTED	
	12	C	4	NOTHING ABNORMAL DETECTED	
	13	C	4	NOTHING ABNORMAL DETECTED	
552	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	K	21	NOTHING ABNORMAL DETECTED	
	7	K	21	NOTHING ABNORMAL DETECTED	

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE , 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

3-DEC-18
05R034L2
TABLE : IIA-
1722

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)

INDIVIDUAL PUP NECROPSY OBSERVATIONS

TEST GROUP 12 (60 MG/KG BW/D)

FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE
552 (CONTINUED)	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	C	4	NOTHING ABNORMAL DETECTED	
	12	C	4	NOTHING ABNORMAL DETECTED	
	13	C	4	NOTHING ABNORMAL DETECTED	
	14	C	4	NOTHING ABNORMAL DETECTED	
	15	C	4	NOTHING ABNORMAL DETECTED	
	16	C	4	NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	K	21	NOTHING ABNORMAL DETECTED	
554	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	C	4	NOTHING ABNORMAL DETECTED	
	13	C	4	NOTHING ABNORMAL DETECTED	
	14	C	4	NOTHING ABNORMAL DETECTED	
	15	C	4	NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	D	1	NOTHING ABNORMAL DETECTED	
	7	K	21	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
555	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	C	4	NOTHING ABNORMAL DETECTED	
	14	C	4	NOTHING ABNORMAL DETECTED	
	15	C	4	NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	D	1	NOTHING ABNORMAL DETECTED	
	7	K	21	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	C	4	NOTHING ABNORMAL DETECTED	
	14	C	4	NOTHING ABNORMAL DETECTED	
	15	C	4	EMPTY STOMACH	

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: D-DIED C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

3-DEC-18

05R034L2

TABLE : IIA- 1723

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)
INDIVIDUAL PUP NECROPSY OBSERVATIONS

TEST GROUP 12 (60 MG/KG BW/D)

FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE
556	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	K	21	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	C	4	NOTHING ABNORMAL DETECTED	
	10	C	4	NOTHING ABNORMAL DETECTED	
	11	C	4	NOTHING ABNORMAL DETECTED	
	12	C	4	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	K	21	NOTHING ABNORMAL DETECTED	
	15	K	21	NOTHING ABNORMAL DETECTED	
	16	K	21	NOTHING ABNORMAL DETECTED	
	17	D	0	NOTHING ABNORMAL DETECTED	
557	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	K	21	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	C	4	NOTHING ABNORMAL DETECTED	
	13	C	4	NOTHING ABNORMAL DETECTED	
	14	C	4	NOTHING ABNORMAL DETECTED	
	15	C	4	NOTHING ABNORMAL DETECTED	
558	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE , 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: D-DIED C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

3-DEC-18
05R034L2
TABLE : IIA-
1724

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)

INDIVIDUAL PUP NECROPSY OBSERVATIONS

TEST GROUP 12 (60 MG/KG BW/D)

FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE
558 (CONTINUED)	6	C	4	NOTHING ABNORMAL DETECTED	
	7	D	1	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
559	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	C	4	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	K	21	NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
560	7	K	21	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	K	21	NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
561	6	C	4	NOTHING ABNORMAL DETECTED	
	7	K	21	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	C	4	NOTHING ABNORMAL DETECTED	
	13	C	4	NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: D-DIED C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

3-DEC-18
05R034L2
TABLE : IIA- 1725

PROJ.NO. 90R0066/05R034:MOD.EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)

INDIVIDUAL PUP NECROPSY OBSERVATIONS

TEST GROUP 12 (60 MG/KG BW/D)

FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE
561 (CONTINUED)	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	C	4	NOTHING ABNORMAL DETECTED	
	15	C	4	NOTHING ABNORMAL DETECTED	
562 ND	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	C	4	NOTHING ABNORMAL DETECTED	
	15	C	4	NOTHING ABNORMAL DETECTED	
	16	C	4	NOTHING ABNORMAL DETECTED	
	17	S		NOTHING ABNORMAL DETECTED	
563	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	K	21	NOTHING ABNORMAL DETECTED	
	7	K	21	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: S-STILLBORN C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

ND=NO DAY 0 pc, PUPS

3-DEC-18

05R034L2

TABLE : IIA- 1726

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)
INDIVIDUAL PUP NECROPSY OBSERVATIONS

TEST GROUP 12 (60 MG/KG BW/D)

FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE
564	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	C	4	NOTHING ABNORMAL DETECTED	
	10	C	4	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	K	21	NOTHING ABNORMAL DETECTED	
	15	K	21	NOTHING ABNORMAL DETECTED	
	16	C	4	NOTHING ABNORMAL DETECTED	
565	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	S		POST MORTEM AUTOLYSIS	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	K	21	NOTHING ABNORMAL DETECTED	
	7	K	21	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	C	4	NOTHING ABNORMAL DETECTED	
	13	D	3	NOTHING ABNORMAL DETECTED	
566	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE , 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED K-K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

3-DEC-18		TABLE : IIA-		1727	
05R034L2		PROJ.NO. 90R0066/05R034:MOD.EXTENDED ONE-GENERATION REPRODUCTION TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER) INDIVIDUAL PUP NECROPSY OBSERVATIONS			
TEST GROUP 12 (60 MG/KG BW/D)					
FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE
566 (CONTINUED)	9	K	21	NOTHING ABNORMAL DETECTED	L
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	C	4	NOTHING ABNORMAL DETECTED	
	14	C	4	NOTHING ABNORMAL DETECTED	
	15	C	4	NOTHING ABNORMAL DETECTED	
	16	C	4	NOTHING ABNORMAL DETECTED	
	17	C	4	NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	K	21	DILATED RENAL PELVIS	
	7	K	21	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
10	K	21	NOTHING ABNORMAL DETECTED		
11	C	4	NOTHING ABNORMAL DETECTED		
12	C	4	NOTHING ABNORMAL DETECTED		
13	C	4	NOTHING ABNORMAL DETECTED		
14	C	4	NOTHING ABNORMAL DETECTED		
15	C	4	NOTHING ABNORMAL DETECTED		
16	C	4	NOTHING ABNORMAL DETECTED		
568	1	K	21	NOTHING ABNORMAL DETECTED	R
	2	K	21	DILATED RENAL PELVIS	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	C	4	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	

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POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

3-DEC-18		TABLE : IIA-		1728
05R034L2		PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER) INDIVIDUAL PUP NECROPSY OBSERVATIONS		
TEST GROUP 12 (60 MG/KG BW/D)				
FEMALE#	PUP#	STATUS	DAY	OBSERVATION
568 (CONTINUED)				
568	14	K	21	NOTHING ABNORMAL DETECTED
	15	C	4	NOTHING ABNORMAL DETECTED
	16	C	4	NOTHING ABNORMAL DETECTED
	1	K	21	NOTHING ABNORMAL DETECTED
	2	K	21	NOTHING ABNORMAL DETECTED
	3	K	21	NOTHING ABNORMAL DETECTED
	4	K	21	NOTHING ABNORMAL DETECTED
	5	K	21	NOTHING ABNORMAL DETECTED
	6	C	4	NOTHING ABNORMAL DETECTED
	7	K	21	NOTHING ABNORMAL DETECTED
	8	K	21	NOTHING ABNORMAL DETECTED
	9	K	21	NOTHING ABNORMAL DETECTED
	10	K	21	NOTHING ABNORMAL DETECTED
	11	K	21	NOTHING ABNORMAL DETECTED
569	12	C	4	NOTHING ABNORMAL DETECTED
	13	C	4	NOTHING ABNORMAL DETECTED
	14	C	4	NOTHING ABNORMAL DETECTED
	1	K	21	NOTHING ABNORMAL DETECTED
	2	K	21	NOTHING ABNORMAL DETECTED
	3	K	21	NOTHING ABNORMAL DETECTED
	4	K	21	NOTHING ABNORMAL DETECTED
	5	K	21	NOTHING ABNORMAL DETECTED
	6	K	21	NOTHING ABNORMAL DETECTED
	7	K	21	NOTHING ABNORMAL DETECTED
	8	K	21	NOTHING ABNORMAL DETECTED
	9	K	21	NOTHING ABNORMAL DETECTED
	10	K	21	NOTHING ABNORMAL DETECTED
	11	C	4	NOTHING ABNORMAL DETECTED
570	12	C	4	NOTHING ABNORMAL DETECTED
	13	C	4	NOTHING ABNORMAL DETECTED
	14	C	4	NOTHING ABNORMAL DETECTED
	1	K	21	NOTHING ABNORMAL DETECTED
	2	K	21	NOTHING ABNORMAL DETECTED
	3	K	21	NOTHING ABNORMAL DETECTED
	4	K	21	NOTHING ABNORMAL DETECTED
	5	K	21	NOTHING ABNORMAL DETECTED
	6	K	21	NOTHING ABNORMAL DETECTED
	7	K	21	NOTHING ABNORMAL DETECTED
	8	K	21	NOTHING ABNORMAL DETECTED
	9	K	21	NOTHING ABNORMAL DETECTED
	10	K	21	NOTHING ABNORMAL DETECTED
	11	C	4	NOTHING ABNORMAL DETECTED
571	12	C	4	NOTHING ABNORMAL DETECTED
	13	C	4	NOTHING ABNORMAL DETECTED
	1	K	21	NOTHING ABNORMAL DETECTED
	2	K	21	NOTHING ABNORMAL DETECTED
	3	K	21	NOTHING ABNORMAL DETECTED
	4	K	21	NOTHING ABNORMAL DETECTED
	5	K	21	NOTHING ABNORMAL DETECTED
	6	C	4	NOTHING ABNORMAL DETECTED
	7	C	4	NOTHING ABNORMAL DETECTED
	1	K	21	NOTHING ABNORMAL DETECTED
	2	K	21	NOTHING ABNORMAL DETECTED
	3	K	21	NOTHING ABNORMAL DETECTED
	4	K	21	NOTHING ABNORMAL DETECTED
	5	K	21	NOTHING ABNORMAL DETECTED

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

3-DEC-18	TABLE : IIA-	1729
05R034L2	PROJ. NO. 90R0066/05R034:MOD.EXTENDED ONE-GENERATION REPRODUCTION TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER) INDIVIDUAL PUP NECROPSY OBSERVATIONS	
TEST GROUP 12 (60 MG/KG BW/D)		
FEMALE#	PUP# STATUS DAY OBSERVATION	POSITION/GRADE
571 (CONTINUED)		
	8 C 4	NOTHING ABNORMAL DETECTED
	9 C 4	NOTHING ABNORMAL DETECTED
	10 K 21	NOTHING ABNORMAL DETECTED
	11 K 21	NOTHING ABNORMAL DETECTED
	12 K 21	NOTHING ABNORMAL DETECTED
	13 K 21	NOTHING ABNORMAL DETECTED
	14 K 21	NOTHING ABNORMAL DETECTED
	15 C 4	NOTHING ABNORMAL DETECTED
	16 C 4	NOTHING ABNORMAL DETECTED
	17 C 4	NOTHING ABNORMAL DETECTED
POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH		

3-DEC-18
05R034L2
TABLE : IIA- 1730

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)

TEST GROUP 13 (180 MG/KG BW/D)
INDIVIDUAL PUP NECROPSY OBSERVATIONS

FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE
573	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	K	21	NOTHING ABNORMAL DETECTED	
	7	K	21	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
574	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	K	21	NOTHING ABNORMAL DETECTED	
	7	K	21	NOTHING ABNORMAL DETECTED	
	8	K	21	DILATED RENAL PELVIS	R
	9	K	21	NOTHING ABNORMAL DETECTED	
576	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	K	21	NOTHING ABNORMAL DETECTED	
	7	K	21	NOTHING ABNORMAL DETECTED	
	8	K	21	DILATED RENAL PELVIS	R
	9	K	21	NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
577	6	C	4	NOTHING ABNORMAL DETECTED	
	7	S		NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	C	4	NOTHING ABNORMAL DETECTED	
	14	C	4	NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
				NOTHING ABNORMAL DETECTED	

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: S-STILLBORN C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

3-DEC-18		TABLE : IIA-		1731
05R034L2		PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER) INDIVIDUAL PUP NECROPSY OBSERVATIONS		
TEST GROUP 13 (180 MG/KG BW/D)				
FEMALE#	PUP#	STATUS	DAY	OBSERVATION
577 (CONTINUED)				
578	5	K	21	NOTHING ABNORMAL DETECTED
	6	K	21	NOTHING ABNORMAL DETECTED
	7	K	21	NOTHING ABNORMAL DETECTED
	8	K	21	NOTHING ABNORMAL DETECTED
	9	K	21	NOTHING ABNORMAL DETECTED
	10	K	21	NOTHING ABNORMAL DETECTED
	11	C	4	NOTHING ABNORMAL DETECTED
	1	K	21	NOTHING ABNORMAL DETECTED
	2	K	21	NOTHING ABNORMAL DETECTED
	3	K	21	NOTHING ABNORMAL DETECTED
	4	K	21	NOTHING ABNORMAL DETECTED
579	5	K	21	NOTHING ABNORMAL DETECTED
	6	C	4	NOTHING ABNORMAL DETECTED
	7	C	4	NOTHING ABNORMAL DETECTED
	8	C	4	NOTHING ABNORMAL DETECTED
	9	K	21	NOTHING ABNORMAL DETECTED
	10	K	21	NOTHING ABNORMAL DETECTED
	11	K	21	NOTHING ABNORMAL DETECTED
	12	K	21	NOTHING ABNORMAL DETECTED
	13	K	21	NOTHING ABNORMAL DETECTED
	1	K	21	NOTHING ABNORMAL DETECTED
	2	K	21	NOTHING ABNORMAL DETECTED
	3	K	21	NOTHING ABNORMAL DETECTED
	4	K	21	NOTHING ABNORMAL DETECTED
580	5	K	21	NOTHING ABNORMAL DETECTED
	6	C	4	NOTHING ABNORMAL DETECTED
	7	C	4	NOTHING ABNORMAL DETECTED
	8	K	21	NOTHING ABNORMAL DETECTED
	9	K	21	NOTHING ABNORMAL DETECTED
	10	K	21	NOTHING ABNORMAL DETECTED
	11	K	21	NOTHING ABNORMAL DETECTED
	12	K	21	NOTHING ABNORMAL DETECTED
	13	C	4	NOTHING ABNORMAL DETECTED
	14	C	4	NOTHING ABNORMAL DETECTED
	15	C	4	NOTHING ABNORMAL DETECTED
	1	K	21	NOTHING ABNORMAL DETECTED
	2	K	21	NOTHING ABNORMAL DETECTED
POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT				
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE				
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH				

3-DEC-18
05R034L2
TABLE : IIA-
1732

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)

TEST GROUP 13 (180 MG/KG BW/D)

INDIVIDUAL PUP NECROPSY OBSERVATIONS

FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE
580 (CONTINUED)	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	K	21	NOTHING ABNORMAL DETECTED	
	7	K	21	NOTHING ABNORMAL DETECTED	
	8	S		NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
582	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	K	21	NOTHING ABNORMAL DETECTED	
	7	K	21	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
583	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	D	1	EMPTY STOMACH	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	C	4	NOTHING ABNORMAL DETECTED	
	15	C	4	NOTHING ABNORMAL DETECTED	
	16	C	4	NOTHING ABNORMAL DETECTED	
	17	S		NOTHING ABNORMAL DETECTED	
584	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	K	21	NOTHING ABNORMAL DETECTED	
	7	K	21	NOTHING ABNORMAL DETECTED	

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

3-DEC-18

05R034L2

TABLE : IIA-

1733

PROJ.NO. 90R0066/05R034:MOD.EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)
INDIVIDUAL PUP NECROPSY OBSERVATIONS

TEST GROUP 13 (180 MG/KG BW/D)

FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE	
584 (CONTINUED)	8	K	21	NOTHING ABNORMAL DETECTED		
	9	K	21	NOTHING ABNORMAL DETECTED		
	10	K	21	NOTHING ABNORMAL DETECTED		
	11	C	4	NOTHING ABNORMAL DETECTED		
	12	C	4	NOTHING ABNORMAL DETECTED		
	13	C	4	NOTHING ABNORMAL DETECTED		
	14	C	4	NOTHING ABNORMAL DETECTED		
	15	C	4	NOTHING ABNORMAL DETECTED		
	585	1	K	21	NOTHING ABNORMAL DETECTED	
		2	K	21	NOTHING ABNORMAL DETECTED	
		3	K	21	NOTHING ABNORMAL DETECTED	
		4	K	21	NOTHING ABNORMAL DETECTED	
		5	K	21	NOTHING ABNORMAL DETECTED	
		6	C	4	NOTHING ABNORMAL DETECTED	
		7	C	4	NOTHING ABNORMAL DETECTED	
8		C	4	NOTHING ABNORMAL DETECTED		
9		K	21	NOTHING ABNORMAL DETECTED		
10		K	21	NOTHING ABNORMAL DETECTED		
11		K	21	NOTHING ABNORMAL DETECTED		
12		K	21	NOTHING ABNORMAL DETECTED		
13		K	21	NOTHING ABNORMAL DETECTED		
586	1	K	21	NOTHING ABNORMAL DETECTED		
	2	K	21	NOTHING ABNORMAL DETECTED		
	3	K	21	NOTHING ABNORMAL DETECTED		
	4	K	21	NOTHING ABNORMAL DETECTED		
	5	K	21	NOTHING ABNORMAL DETECTED		
	6	K	21	NOTHING ABNORMAL DETECTED		
	7	K	21	NOTHING ABNORMAL DETECTED		
587	1	K	21	NOTHING ABNORMAL DETECTED		
	2	K	21	NOTHING ABNORMAL DETECTED		
	3	K	21	NOTHING ABNORMAL DETECTED		
	4	K	21	NOTHING ABNORMAL DETECTED		
	5	K	21	NOTHING ABNORMAL DETECTED		
588	1	K	21	NOTHING ABNORMAL DETECTED		
	2	K	21	NOTHING ABNORMAL DETECTED		
	3	K	21	NOTHING ABNORMAL DETECTED		

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE / 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
 PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE
 NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

3-DEC-18		TABLE : IIA-		1734	
05R034L2		PROJ.NO. 90R0066/05R034:MOD.EXTENDED ONE-GENERATION REPRODUCTION TOX STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER) INDIVIDUAL PUP NECROPSY OBSERVATIONS			
TEST GROUP 13 (180 MG/KG BW/D)					
FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE
588 (CONTINUED)	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	K	21	NOTHING ABNORMAL DETECTED	
	7	K	21	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
589	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	K	21	NOTHING ABNORMAL DETECTED	
	7	K	21	NOTHING ABNORMAL DETECTED	
	8	S		NOTHING ABNORMAL DETECTED	
590	1	K	21	NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
591	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	K	21	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	K	21	NOTHING ABNORMAL DETECTED	
	9	K	21	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	S		NOTHING ABNORMAL DETECTED	
592	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE , 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: S-STILLBORN/ C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: S-STILLBORN C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

3-DEC-18
05R034L2
TABLE : IIA- 1735

PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER)

TEST GROUP 13 (180 MG/KG BW/D)

INDIVIDUAL PUP NECROPSY OBSERVATIONS

FEMALE#	PUP#	STATUS	DAY	OBSERVATION	POSITION/GRADE
592 (CONTINUED)	9	C	4	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	K	21	NOTHING ABNORMAL DETECTED	
	15	C	4	NOTHING ABNORMAL DETECTED	
594	16	C	4	NOTHING ABNORMAL DETECTED	
	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	D	7	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	S		NOTHING ABNORMAL DETECTED	
	10	K	21	DILATED RENAL PELVIS	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	K	21	NOTHING ABNORMAL DETECTED	
	15	C	4	NOTHING ABNORMAL DETECTED	
595	1	K	21	NOTHING ABNORMAL DETECTED	
	2	K	21	NOTHING ABNORMAL DETECTED	
	3	K	21	NOTHING ABNORMAL DETECTED	
	4	K	21	NOTHING ABNORMAL DETECTED	
	5	K	21	NOTHING ABNORMAL DETECTED	
	6	C	4	NOTHING ABNORMAL DETECTED	
	7	C	4	NOTHING ABNORMAL DETECTED	
	8	C	4	NOTHING ABNORMAL DETECTED	
	9	C	4	NOTHING ABNORMAL DETECTED	
	10	K	21	NOTHING ABNORMAL DETECTED	
	11	K	21	NOTHING ABNORMAL DETECTED	
	12	K	21	NOTHING ABNORMAL DETECTED	
	13	K	21	NOTHING ABNORMAL DETECTED	
	14	K	21	NOTHING ABNORMAL DETECTED	
	15	C	4	NOTHING ABNORMAL DETECTED	

B

POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
PUP STATUS CODES: S-STILLBORN D-DIED C-CULLED K-SCHEDULED SACRIFICE
NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH

3-DEC-18	05R034L2	TABLE : IIA-	1736
PROJ.NO. 90R0066/05R034:MOD. EXTENDED ONE-GENERATION REPRODUCTION TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) F1 FEMALES (L2 LITTER) INDIVIDUAL PUP NECROPSY OBSERVATIONS			
TEST GROUP 13 (180 MG/KG BW/D)			
FEMALE#	PUP#	STATUS	DAY OBSERVATION POSITION/GRADE
595 (CONTINUED)	16	C	4 NOTHING ABNORMAL DETECTED
	17	C	4 NOTHING ABNORMAL DETECTED
596	1	K	21 NOTHING ABNORMAL DETECTED
	2	K	21 NOTHING ABNORMAL DETECTED
	3	K	21 NOTHING ABNORMAL DETECTED
	4	K	21 NOTHING ABNORMAL DETECTED
	5	K	21 NOTHING ABNORMAL DETECTED
	6	C	4 NOTHING ABNORMAL DETECTED
	7	C	4 NOTHING ABNORMAL DETECTED
	8	C	4 NOTHING ABNORMAL DETECTED
	9	C	4 NOTHING ABNORMAL DETECTED
	10	K	21 NOTHING ABNORMAL DETECTED
	11	K	21 NOTHING ABNORMAL DETECTED
	12	K	21 NOTHING ABNORMAL DETECTED
	13	K	21 NOTHING ABNORMAL DETECTED
	14	K	21 NOTHING ABNORMAL DETECTED
	15	C	4 NOTHING ABNORMAL DETECTED
	16	C	4 NOTHING ABNORMAL DETECTED
	17	C	4 NOTHING ABNORMAL DETECTED
POSITION/GRADE CODE: R-RIGHT, L-LEFT, B-BILATE, 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT PUP STATUS CODES: C-CULLED K-SCHEDULED SACRIFICE NUMBER FOLLOWING PUP STATUS = DAY POST PARTUM OF DEATH			

IIA- 1737
30-Nov-2018 19:24
Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs - Clinical Observation

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Remark	First Day	Last Day	Duration [Days]
Test Group 10/M 0 mg/kg bw/d	601	normal	NAD			0	47	48
		dead	sacrificed	scheduled		47	47	1
	602	normal	NAD			0	47	48
		dead	sacrificed	scheduled		47	47	1
	603	normal	NAD			0	47	48
		dead	sacrificed	scheduled		47	47	1
	604	normal	NAD			0	48	49
		dead	sacrificed	scheduled		48	48	1
	605	normal	NAD			0	48	49
		dead	sacrificed	scheduled		48	48	1
Test Group 10/M 0 mg/kg bw/d	606	normal	NAD			0	48	49
		dead	sacrificed	scheduled		48	48	1
	607	normal	NAD			0	49	50
		dead	sacrificed	scheduled		49	49	1
	608	normal	NAD			0	49	50
		dead	sacrificed	scheduled		49	49	1
	609	normal	NAD			0	49	50
		dead	sacrificed	scheduled		49	49	1
	610	normal	NAD			0	50	51
		dead	sacrificed	scheduled		50	50	1

IIA- 1738

30-Nov-2018 19:25

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs - Clinical Observation

Sex: Male - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Remark	First Day	Last Day	Duration [Days]
Test Group 11/M 20 mg/kg bw/d	611	normal	NAD			0	47	48
		dead	sacrificed	scheduled		47	47	1
	612	normal	NAD			0	47	48
		dead	sacrificed	scheduled		47	47	1
	613	normal	NAD			0	47	48
		dead	sacrificed	scheduled		47	47	1
	614	normal	NAD			0	47	48
		dead	sacrificed	scheduled		47	47	1
	615	normal	NAD			0	48	49
		dead	sacrificed	scheduled		48	48	1
	616	normal	NAD			0	48	49
		dead	sacrificed	scheduled		48	48	1
	617	normal	NAD			0	48	49
		dead	sacrificed	scheduled		48	48	1
	618	normal	NAD			0	49	50
		dead	sacrificed	scheduled		49	49	1
	619	normal	NAD			0	49	50
		dead	sacrificed	scheduled		49	49	1
	620	normal	NAD			0	49	50
		dead	sacrificed	scheduled		49	49	1

IIA- 1739

30-Nov-2018 19:25

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs - Clinical Observation

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Remark	First Day	Last Day	Duration [Days]
Test Group 12/M 60 mg/kg bw/d	621	normal	NAD			0	47	48
		dead	sacrificed	scheduled		47	47	1
	622	normal	NAD			0	47	48
		dead	sacrificed	scheduled		47	47	1
	623	normal	NAD			0	47	48
		dead	sacrificed	scheduled		47	47	1
	624	normal	NAD			0	48	49
		dead	sacrificed	scheduled		48	48	1
	625	normal	NAD			0	48	49
		dead	sacrificed	scheduled		48	48	1
Test Group 12/M 60 mg/kg bw/d	626	normal	NAD			0	48	49
		dead	sacrificed	scheduled		48	48	1
	627	normal	NAD			0	49	50
		dead	sacrificed	scheduled		49	49	1
	628	normal	NAD			0	49	50
		dead	sacrificed	scheduled		49	49	1
	629	normal	NAD			0	49	50
		dead	sacrificed	scheduled		49	49	1
	630	normal	NAD			0	50	51
		dead	sacrificed	scheduled		50	50	1

IIA- 1740

30-Nov-2018 19:25

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs - Clinical Observation

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Remark	First Day	Last Day	Duration [Days]
Test Group 13/M 180 mg/kg bw/d	631	normal	NAD			0	47	48
		head	salivation	Grade: slight		39	40	2
		head	salivation	Grade: slight		46	46	1
		dead	sacrificed scheduled			47	47	1
	632	normal	NAD			0	47	48
		dead	sacrificed scheduled			47	47	1
	633	normal	NAD			0	48	49
		dead	sacrificed scheduled			48	48	1
	634	normal	NAD			0	48	49
		head	salivation	Grade: slight		29	34	6
		head	salivation	Grade: slight		36	36	1
		head	salivation	Grade: slight		38	38	1
		head	salivation	Grade: slight		40	41	2
		head	salivation	Grade: moderate		43	44	2
		head	salivation	Grade: moderate		46	47	2
		dead	sacrificed scheduled			48	48	1
		normal	NAD			0	48	49
		dead	sacrificed scheduled			48	48	1
		normal	NAD			0	49	50
	636	head	salivation	Grade: slight		34	34	1
		head	salivation	Grade: moderate		47	47	1
		dead	sacrificed scheduled			49	49	1
	637	normal	NAD			0	49	50
		dead	sacrificed scheduled			49	49	1

IIA- 1741

30-Nov-2018 19:25

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs - Clinical Observation

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Remark	FirstLastDuration	
						Day	Day [Days]
Test Group 13/M 180 mg/kg bw/d	638	normal	NAD			0	49 50
		dead	sacrificed	scheduled		49	49 1
	639	normal	NAD			0	50 51
		dead	sacrificed	scheduled		50	50 1
	640	normal	NAD			0	50 51
		dead	sacrificed	scheduled		50	50 1

IIA- 1742

03-Dec-2018 11:20

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs - Clinical Observation

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Remark	First Day	Last Day	Duration [Days]
Test Group 10/F 0 mg/kg bw/d	701	normal	NAD			0	47	48
		dead	sacrificed	scheduled		47	47	1
	702	normal	NAD			0	47	48
		dead	sacrificed	scheduled		47	47	1
	703	normal	NAD			0	47	48
		dead	sacrificed	scheduled		47	47	1
	704	normal	NAD			0	47	48
		dead	sacrificed	scheduled		47	47	1
	705	normal	NAD			0	48	49
		dead	sacrificed	scheduled		48	48	1
Test Group 10/F 0 mg/kg bw/d	706	normal	NAD			0	48	49
		dead	sacrificed	scheduled		48	48	1
	707	normal	NAD			0	48	49
		dead	sacrificed	scheduled		48	48	1
	708	normal	NAD			0	49	50
		dead	sacrificed	scheduled		49	49	1
	709	normal	NAD			0	49	50
		dead	sacrificed	scheduled		49	49	1
	710	normal	NAD			0	50	51
		dead	sacrificed	scheduled		50	50	1

IIA- 1743

03-Dec-2018 11:21

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs - Clinical Observation

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Remark	First Day	Last Day	Duration [Days]
Test Group 11/F 20 mg/kg bw/d	711	normal	NAD			0	47	48
		dead	sacrificed	scheduled		47	47	1
	712	normal	NAD			0	47	48
		dead	sacrificed	scheduled		47	47	1
	713	normal	NAD			0	47	48
		dead	sacrificed	scheduled		47	47	1
	714	normal	NAD			0	48	49
		dead	sacrificed	scheduled		48	48	1
	715	normal	NAD			0	48	49
		dead	sacrificed	scheduled		48	48	1
Test Group 11/F 20 mg/kg bw/d	716	normal	NAD			0	48	49
		dead	sacrificed	scheduled		48	48	1
	717	normal	NAD			0	49	50
		dead	sacrificed	scheduled		49	49	1
	718	normal	NAD			0	49	50
		dead	sacrificed	scheduled		49	49	1
	719	normal	NAD			0	49	50
		dead	sacrificed	scheduled		49	49	1
	720	normal	NAD			0	50	51
		dead	sacrificed	scheduled		50	50	1

IIA- 1744

03-Dec-2018 11:21

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs - Clinical Observation

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Remark	First Day	Last Day	Duration [Days]
Test Group 12/F 60 mg/kg bw/d	721	normal	NAD			0	47	48
		dead	sacrificed	scheduled		47	47	1
	722	normal	NAD			0	47	48
		dead	sacrificed	scheduled		47	47	1
	723	normal	NAD			0	48	49
		dead	sacrificed	scheduled		48	48	1
	724	normal	NAD			0	48	49
		dead	sacrificed	scheduled		48	48	1
	725	normal	NAD			0	48	49
		dead	sacrificed	scheduled		48	48	1
Test Group 12/F 60 mg/kg bw/d	726	normal	NAD			0	49	50
		dead	sacrificed	scheduled		49	49	1
	727	normal	NAD			0	49	50
		dead	sacrificed	scheduled		49	49	1
	728	normal	NAD			0	49	50
		dead	sacrificed	scheduled		49	49	1
	729	normal	NAD			0	50	51
		dead	sacrificed	scheduled		50	50	1
	730	normal	NAD			0	50	51
		dead	sacrificed	scheduled		50	50	1

IIA- 1745

03-Dec-2018 11:21

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs - Clinical Observation

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Remark	First Day	Last Day	Duration [Days]
Test Group 13/F 180 mg/kg bw/d	731	normal	NAD			0	47	48
		dead	sacrificed	scheduled		47	47	1
	732	normal	NAD			0	47	48
		dead	sacrificed	scheduled		47	47	1
	733	normal	NAD			0	47	48
		dead	sacrificed	scheduled		47	47	1
	734	normal	NAD			0	48	49
		head	salivation	Grade: slight		29	30	2
		head	salivation	Grade: slight		34	34	1
		head	salivation	Grade: slight		38	38	1
		head	salivation	Grade: slight		40	41	2
		head	salivation	Grade: slight		43	43	1
	735	head	salivation	Grade: slight		46	47	2
		dead	sacrificed	scheduled		48	48	1
	736	normal	NAD			0	48	49
		dead	sacrificed	scheduled		48	48	1
	737	normal	NAD			0	49	50
		dead	sacrificed	scheduled		49	49	1
	738	normal	NAD			0	49	50
		dead	sacrificed	scheduled		49	49	1

IIA- 1746
03-Dec-2018 11:21
Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs - Clinical Observation

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Remark	FirstLastDuration	
						Day	Day [Days]
Test Group 13/F 180 mg/kg bw/d	739	normal	NAD			0	49 50
		dead	sacrificed	scheduled		49	49 1
	740	normal	NAD			0	50 51
		dead	sacrificed	scheduled		50	50 1

IIA- 1747

03-Dec-2018 11:30

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					0	0	0	0	1	1	1	1	2	2
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
Test Group 10/M 0 mg/kg bw/d	601	normal	NAD		1	1	1	1	1	1	1	1	1	1
	602	normal	NAD		1	1	1	1	1	1	1	1	1	1
	603	normal	NAD		1	1	1	1	1	1	1	1	1	1
	604	normal	NAD		1	1	1	1	1	1	1	1	1	1
	605	normal	NAD		1	1	1	1	1	1	1	1	1	1
	606	normal	NAD		1	1	1	1	1	1	1	1	1	1
	607	normal	NAD		1	1	1	1	1	1	1	1	1	1
	608	normal	NAD		1	1	1	1	1	1	1	1	1	1
	609	normal	NAD		1	1	1	1	1	1	1	1	1	1
	610	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1748

03-Dec-2018 11:32

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					3	3	3	3	4	4	4	4	5	5
					[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
Test Group 10/M 0 mg/kg bw/d	601	normal	NAD		1	1	1	1	1	1	1	1	1	1
	602	normal	NAD		1	1	1	1	1	1	1	1	1	1
	603	normal	NAD		1	1	1	1	1	1	1	1	1	1
	604	normal	NAD		1	1	1	1	1	1	1	1	1	1
	605	normal	NAD		1	1	1	1	1	1	1	1	1	1
	606	normal	NAD		1	1	1	1	1	1	1	1	1	1
	607	normal	NAD		1	1	1	1	1	1	1	1	1	1
	608	normal	NAD		1	1	1	1	1	1	1	1	1	1
	609	normal	NAD		1	1	1	1	1	1	1	1	1	1
	610	normal	NAD		1	1	1	1	1	1	1	1	1	1

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Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					6	6	6	7	7	7	8	8
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]
Test Group 10/M 0 mg/kg bw/d	601	normal	NAD		1	1	1	1	1	1	1	1
	602	normal	NAD		1	1	1	1	1	1	1	1
	603	normal	NAD		1	1	1	1	1	1	1	1
	604	normal	NAD		1	1	1	1	1	1	1	1
	605	normal	NAD		1	1	1	1	1	1	1	1
	606	normal	NAD		1	1	1	1	1	1	1	1
	607	normal	NAD		1	1	1	1	1	1	1	1
	608	normal	NAD		1	1	1	1	1	1	1	1
	609	normal	NAD		1	1	1	1	1	1	1	1
	610	normal	NAD		1	1	1	1	1	1	1	1

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Male - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier
Test Group 10/M 0 mg/kg bw/d	601	normal	NAD	
	602	normal	NAD	
	603	normal	NAD	
	604	normal	NAD	
	605	normal	NAD	
	606	normal	NAD	
	607	normal	NAD	
	608	normal	NAD	
	609	normal	NAD	
	610	normal	NAD	

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Ascentos™ 1.3

Study 90R0066/05R034_2A
Individual Signs Pre- and/or Post-Dosing
Sex: Male - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					12	12	12	13	13	13	13	14	14	14
	601	normal	NAD		1	1	1	1	1	1	1	1	1	1
	602	normal	NAD		1	1	1	1	1	1	1	1	1	1
	603	normal	NAD		1	1	1	1	1	1	1	1	1	1
	604	normal	NAD		1	1	1	1	1	1	1	1	1	1
	605	normal	NAD		1	1	1	1	1	1	1	1	1	1
	606	normal	NAD		1	1	1	1	1	1	1	1	1	1
	607	normal	NAD		1	1	1	1	1	1	1	1	1	1
	608	normal	NAD		1	1	1	1	1	1	1	1	1	1
	609	normal	NAD		1	1	1	1	1	1	1	1	1	1
	610	normal	NAD		1	1	1	1	1	1	1	1	1	1

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Male - Phase: In-life

[illegible]

IIA- 1753

03-Dec-2018 11:33

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					18	18	18	19	19	19	19	20	20	20
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]
Test Group 10/M 0 mg/kg bw/d	601	normal	NAD		1	1	1	1	1	1	1	1	1	1
	602	normal	NAD		1	1	1	1	1	1	1	1	1	1
	603	normal	NAD		1	1	1	1	1	1	1	1	1	1
	604	normal	NAD		1	1	1	1	1	1	1	1	1	1
	605	normal	NAD		1	1	1	1	1	1	1	1	1	1
	606	normal	NAD		1	1	1	1	1	1	1	1	1	1
	607	normal	NAD		1	1	1	1	1	1	1	1	1	1
	608	normal	NAD		1	1	1	1	1	1	1	1	1	1
	609	normal	NAD		1	1	1	1	1	1	1	1	1	1
	610	normal	NAD		1	1	1	1	1	1	1	1	1	1

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Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					21	21	21	22	22	22	22	23	23	23
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]
Test Group 10/M 0 mg/kg bw/d	601	normal	NAD		1	1	1	1	1	1	1	1	1	1
	602	normal	NAD		1	1	1	1	1	1	1	1	1	1
	603	normal	NAD		1	1	1	1	1	1	1	1	1	1
	604	normal	NAD		1	1	1	1	1	1	1	1	1	1
	605	normal	NAD		1	1	1	1	1	1	1	1	1	1
	606	normal	NAD		1	1	1	1	1	1	1	1	1	1
	607	normal	NAD		1	1	1	1	1	1	1	1	1	1
	608	normal	NAD		1	1	1	1	1	1	1	1	1	1
	609	normal	NAD		1	1	1	1	1	1	1	1	1	1
	610	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1755

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Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					24	24	24	25	25	25	25	26	26	26
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[00:00- 02:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]
Test Group 10/M 0 mg/kg bw/d	601	normal	NAD		1	1	1	1	1	1	1	1	1	1
	602	normal	NAD		1	1	1	1	1	1	1	1	1	1
	603	normal	NAD		1	1	1	1	1	1	1	1	1	1
	604	normal	NAD		1	1	1	1	1	1	1	1	1	1
	605	normal	NAD		1	1	1	1	1	1	1	1	1	1
	606	normal	NAD		1	1	1	1	1	1	1	1	1	1
	607	normal	NAD		1	1	1	1	1	1	1	1	1	1
	608	normal	NAD		1	1	1	1	1	1	1	1	1	1
	609	normal	NAD		1	1	1	1	1	1	1	1	1	1
	610	normal	NAD		1	1	1	1	1	1	1	1	1	1

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Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					27	27	27	28	28	28	28	29	29	29
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]
	601	normal	NAD		1	1	1	1	1	1	1	1	1	1
	602	normal	NAD		1	1	1	1	1	1	1	1	1	1
	603	normal	NAD		1	1	1	1	1	1	1	1	1	1
	604	normal	NAD		1	1	1	1	1	1	1	1	1	1
	605	normal	NAD		1	1	1	1	1	1	1	1	1	1
	606	normal	NAD		1	1	1	1	1	1	1	1	1	1
	607	normal	NAD		1	1	1	1	1	1	1	1	1	1
	608	normal	NAD		1	1	1	1	1	1	1	1	1	1
	609	normal	NAD		1	1	1	1	1	1	1	1	1	1
	610	normal	NAD		1	1	1	1	1	1	1	1	1	1

Test Group
10/M
0 mg/kg
bw/d

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Male - Phase: In-life

[illegible]

IIA- 1758
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Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					33	33	33	33	34	34	34	34	35	35
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]
	601	normal	NAD		1	1	1	1	1	1	1	1	1	1
	602	normal	NAD		1	1	1	1	1	1	1	1	1	1
	603	normal	NAD		1	1	1	1	1	1	1	1	1	1
	604	normal	NAD		1	1	1	1	1	1	1	1	1	1
	605	normal	NAD		1	1	1	1	1	1	1	1	1	1
	606	normal	NAD		1	1	1	1	1	1	1	1	1	1
	607	normal	NAD		1	1	1	1	1	1	1	1	1	1
	608	normal	NAD		1	1	1	1	1	1	1	1	1	1
	609	normal	NAD		1	1	1	1	1	1	1	1	1	1
	610	normal	NAD		1	1	1	1	1	1	1	1	1	1

Test Group
10/M
0 mg/kg
bw/d

IIA- 1759

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Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					36 [-03:00- 00:00]	36 [00:00- 02:00]	36 [02:00- 05:00]	37 [-03:00- 00:00]	37 [00:00- 02:00]	37 [02:00- 05:00]	38 [-03:00- 00:00]	38 [00:00- 02:00]	38 [02:00- 05:00]	
Test Group 10/M 0 mg/kg bw/d	601	normal	NAD		1	1	1	1	1	1	1	1	1	
	602	normal	NAD		1	1	1	1	1	1	1	1	1	
	603	normal	NAD		1	1	1	1	1	1	1	1	1	
	604	normal	NAD		1	1	1	1	1	1	1	1	1	
	605	normal	NAD		1	1	1	1	1	1	1	1	1	
	606	normal	NAD		1	1	1	1	1	1	1	1	1	
	607	normal	NAD		1	1	1	1	1	1	1	1	1	
	608	normal	NAD		1	1	1	1	1	1	1	1	1	
	609	normal	NAD		1	1	1	1	1	1	1	1	1	
	610	normal	NAD		1	1	1	1	1	1	1	1	1	

IIA- 1760
03-Dec-2018 11:33
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					39	39	39	40	40	40	40	41	41	41
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	
	601	normal	NAD		1	1	1	1	1	1	1	1	1	1
	602	normal	NAD		1	1	1	1	1	1	1	1	1	1
	603	normal	NAD		1	1	1	1	1	1	1	1	1	1
	604	normal	NAD		1	1	1	1	1	1	1	1	1	1
	605	normal	NAD		1	1	1	1	1	1	1	1	1	1
	606	normal	NAD		1	1	1	1	1	1	1	1	1	1
	607	normal	NAD		1	1	1	1	1	1	1	1	1	1
	608	normal	NAD		1	1	1	1	1	1	1	1	1	1
	609	normal	NAD		1	1	1	1	1	1	1	1	1	1
	610	normal	NAD		1	1	1	1	1	1	1	1	1	1

Test Group
10/M
0 mg/kg
bw/d

IIA- 1761
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Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					42	42	42	43	43	43	43	44	44	44
					[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[02:00 - 05:00]
Test Group 10/M 0 mg/kg bw/d	601	normal	NAD		1	1	1	1	1	1	1	1	1	1
	602	normal	NAD		1	1	1	1	1	1	1	1	1	1
	603	normal	NAD		1	1	1	1	1	1	1	1	1	1
	604	normal	NAD		1	1	1	1	1	1	1	1	1	1
	605	normal	NAD		1	1	1	1	1	1	1	1	1	1
	606	normal	NAD		1	1	1	1	1	1	1	1	1	1
	607	normal	NAD		1	1	1	1	1	1	1	1	1	1
	608	normal	NAD		1	1	1	1	1	1	1	1	1	1
	609	normal	NAD		1	1	1	1	1	1	1	1	1	1
	610	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1762

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Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					45	45	45	46	46	46	46	47	47	47
	601	normal	NAD		1	1	1	1	1	1	1	1	1	1
	602	normal	NAD		1	1	1	1	1	1	1	1	1	1
	603	normal	NAD		1	1	1	1	1	1	1	1	1	1
	604	normal	NAD		1	1	1	1	1	1	1	1	1	1
	605	normal	NAD		1	1	1	1	1	1	1	1	1	1
	606	normal	NAD		1	1	1	1	1	1	1	1	1	1
	607	normal	NAD		1	1	1	1	1	1	1	1	1	1
	608	normal	NAD		1	1	1	1	1	1	1	1	1	1
	609	normal	NAD		1	1	1	1	1	1	1	1	1	1
	610	normal	NAD		1	1	1	1	1	1	1	1	1	1

Test Group
10/M
0 mg/kg
bw/d

IIA- 1763

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Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day					
					48 [-03:00- 00:00]	48 [00:00- 02:00]	48 [02:00- 05:00]	49 [-03:00- 00:00]	49 [00:00- 02:00]	49 [02:00- 05:00]
Test Group 10/M 0 mg/kg bw/d	601	normal	NAD		NS	NS	NS	NS	NS	NS
	602	normal	NAD		NS	NS	NS	NS	NS	NS
	603	normal	NAD		NS	NS	NS	NS	NS	NS
	604	normal	NAD					NS	NS	NS
	605	normal	NAD					NS	NS	NS
	606	normal	NAD					NS	NS	NS
	607	normal	NAD		1	1	1			
	608	normal	NAD		1	1	1			
	609	normal	NAD		1	1	1			
	610	normal	NAD		1	1	1	1	1	1

NS = No More Scheduled

IIA- 1764

03-Dec-2018 11:36

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day											
					0	0	0	0	1	1	1	1	1	1	2	2
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]
Test Group 11/M 20 mg/kg bw/d	611	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	612	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	613	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	614	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	615	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	616	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	617	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	618	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	619	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	620	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1

IIA- 1765
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Ascentos™ 1.3

Study 90R0066/05R034_2A
Individual Signs Pre- and/or Post-Dosing
Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					3	3	3	3	4	4	4	4	5	5
					[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	
Test Group 11/M	611	normal	NAD		1	1	1	1	1	1	1	1	1	1
	612	normal	NAD		1	1	1	1	1	1	1	1	1	1
	613	normal	NAD		1	1	1	1	1	1	1	1	1	1
	614	normal	NAD		1	1	1	1	1	1	1	1	1	1
	615	normal	NAD		1	1	1	1	1	1	1	1	1	1
20 mg/kg bw/d	616	normal	NAD		1	1	1	1	1	1	1	1	1	1
	617	normal	NAD		1	1	1	1	1	1	1	1	1	1
	618	normal	NAD		1	1	1	1	1	1	1	1	1	1
	619	normal	NAD		1	1	1	1	1	1	1	1	1	1
	620	normal	NAD		1	1	1	1	1	1	1	1	1	1

Test Group
11/M
20 mg/kg
bw/d

IIA- 1766
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Ascentos™ 1.3

Study 90R0066/05R034_2A
Individual Signs Pre- and/or Post-Dosing
Sex: Male - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					6	6	6	7	7	7	8	8
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
Test Group 11/M 20 mg/kg bw/d	611	normal	NAD		1	1	1	1	1	1	1	1
	612	normal	NAD		1	1	1	1	1	1	1	1
	613	normal	NAD		1	1	1	1	1	1	1	1
	614	normal	NAD		1	1	1	1	1	1	1	1
	615	normal	NAD		1	1	1	1	1	1	1	1
	616	normal	NAD		1	1	1	1	1	1	1	1
	617	normal	NAD		1	1	1	1	1	1	1	1
	618	normal	NAD		1	1	1	1	1	1	1	1
	619	normal	NAD		1	1	1	1	1	1	1	1
	620	normal	NAD		1	1	1	1	1	1	1	1

IIA- 1767

03-Dec-2018 11:38

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					9	9	9	9	10	10	10	10	11	11
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]
Test Group 11/M 20 mg/kg bw/d	611	normal	NAD		1	1	1	1	1	1	1	1	1	1
	612	normal	NAD		1	1	1	1	1	1	1	1	1	1
	613	normal	NAD		1	1	1	1	1	1	1	1	1	1
	614	normal	NAD		1	1	1	1	1	1	1	1	1	1
	615	normal	NAD		1	1	1	1	1	1	1	1	1	1
	616	normal	NAD		1	1	1	1	1	1	1	1	1	1
	617	normal	NAD		1	1	1	1	1	1	1	1	1	1
	618	normal	NAD		1	1	1	1	1	1	1	1	1	1
	619	normal	NAD		1	1	1	1	1	1	1	1	1	1
	620	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1768
03-Dec-2018 11:38
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					12	12	12	13	13	13	13	13	14	14
					[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]
Test Group 11/M 20 mg/kg bw/d	611	normal	NAD		1	1	1	1	1	1	1	1	1	1
	612	normal	NAD		1	1	1	1	1	1	1	1	1	1
	613	normal	NAD		1	1	1	1	1	1	1	1	1	1
	614	normal	NAD		1	1	1	1	1	1	1	1	1	1
	615	normal	NAD		1	1	1	1	1	1	1	1	1	1
	616	normal	NAD		1	1	1	1	1	1	1	1	1	1
	617	normal	NAD		1	1	1	1	1	1	1	1	1	1
	618	normal	NAD		1	1	1	1	1	1	1	1	1	1
	619	normal	NAD		1	1	1	1	1	1	1	1	1	1
	620	normal	NAD		1	1	1	1	1	1	1	1	1	1

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Male - Phase: In-life

[illegible]

IIA- 1770

03-Dec-2018 11:38

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					18	18	18	19	19	19	19	20	20	20
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]
Test Group 11/M	611	normal	NAD		1	1	1	1	1	1	1	1	1	1
	612	normal	NAD		1	1	1	1	1	1	1	1	1	1
	613	normal	NAD		1	1	1	1	1	1	1	1	1	1
	614	normal	NAD		1	1	1	1	1	1	1	1	1	1
	615	normal	NAD		1	1	1	1	1	1	1	1	1	1
20 mg/kg bw/d	616	normal	NAD		1	1	1	1	1	1	1	1	1	1
	617	normal	NAD		1	1	1	1	1	1	1	1	1	1
	618	normal	NAD		1	1	1	1	1	1	1	1	1	1
	619	normal	NAD		1	1	1	1	1	1	1	1	1	1
	620	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1771
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Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					21	21	21	22	22	22	23	23	23	23
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]
Test Group 11/M 20 mg/kg bw/d	611	normal	NAD		1	1	1	1	1	1	1	1	1	1
	612	normal	NAD		1	1	1	1	1	1	1	1	1	1
	613	normal	NAD		1	1	1	1	1	1	1	1	1	1
	614	normal	NAD		1	1	1	1	1	1	1	1	1	1
	615	normal	NAD		1	1	1	1	1	1	1	1	1	1
	616	normal	NAD		1	1	1	1	1	1	1	1	1	1
	617	normal	NAD		1	1	1	1	1	1	1	1	1	1
	618	normal	NAD		1	1	1	1	1	1	1	1	1	1
	619	normal	NAD		1	1	1	1	1	1	1	1	1	1
	620	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1772
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Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					24	24	24	25	25	25	25	26	26	26
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[00:00- 02:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]
Test Group 11/M 20 mg/kg bw/d	611	normal	NAD		1	1	1	1	1	1	1	1	1	1
	612	normal	NAD		1	1	1	1	1	1	1	1	1	1
	613	normal	NAD		1	1	1	1	1	1	1	1	1	1
	614	normal	NAD		1	1	1	1	1	1	1	1	1	1
	615	normal	NAD		1	1	1	1	1	1	1	1	1	1
	616	normal	NAD		1	1	1	1	1	1	1	1	1	1
	617	normal	NAD		1	1	1	1	1	1	1	1	1	1
	618	normal	NAD		1	1	1	1	1	1	1	1	1	1
	619	normal	NAD		1	1	1	1	1	1	1	1	1	1
	620	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1773
03-Dec-2018 11:39
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					27	27	27	28	28	28	29	29
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
	611	normal	NAD		1	1	1	1	1	1	1	1
	612	normal	NAD		1	1	1	1	1	1	1	1
	613	normal	NAD		1	1	1	1	1	1	1	1
	614	normal	NAD		1	1	1	1	1	1	1	1
	615	normal	NAD		1	1	1	1	1	1	1	1
	616	normal	NAD		1	1	1	1	1	1	1	1
	617	normal	NAD		1	1	1	1	1	1	1	1
	618	normal	NAD		1	1	1	1	1	1	1	1
	619	normal	NAD		1	1	1	1	1	1	1	1
	620	normal	NAD		1	1	1	1	1	1	1	1

Test Group
11/M
20 mg/kg
bw/d

IIA- 1774

03-Dec-2018 11:39

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					30	30	30	31	31	31	32	32
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
	611	normal	NAD		1	1	1	1	1	1	1	1
	612	normal	NAD		1	1	1	1	1	1	1	1
	613	normal	NAD		1	1	1	1	1	1	1	1
	614	normal	NAD		1	1	1	1	1	1	1	1
	615	normal	NAD		1	1	1	1	1	1	1	1
	616	normal	NAD		1	1	1	1	1	1	1	1
	617	normal	NAD		1	1	1	1	1	1	1	1
	618	normal	NAD		1	1	1	1	1	1	1	1
	619	normal	NAD		1	1	1	1	1	1	1	1
	620	normal	NAD		1	1	1	1	1	1	1	1

Test Group
11/M
20 mg/kg
bw/d

IIA- 1775

03-Dec-2018 11:39

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					33	33	33	33	34	34	34	34	35	35
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[-03:00- 00:00]	[02:00- 05:00]
	611	normal	NAD		1	1	1	1	1	1	1	1	1	1
	612	normal	NAD		1	1	1	1	1	1	1	1	1	1
	613	normal	NAD		1	1	1	1	1	1	1	1	1	1
	614	normal	NAD		1	1	1	1	1	1	1	1	1	1
	615	normal	NAD		1	1	1	1	1	1	1	1	1	1
	616	normal	NAD		1	1	1	1	1	1	1	1	1	1
	617	normal	NAD		1	1	1	1	1	1	1	1	1	1
	618	normal	NAD		1	1	1	1	1	1	1	1	1	1
	619	normal	NAD		1	1	1	1	1	1	1	1	1	1
	620	normal	NAD		1	1	1	1	1	1	1	1	1	1

Test Group
11/M
20 mg/kg
bw/d

IIA- 1776
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Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					36	36	36	37	37	37	38	38
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
	611	normal	NAD		1	1	1	1	1	1	1	1
	612	normal	NAD		1	1	1	1	1	1	1	1
	613	normal	NAD		1	1	1	1	1	1	1	1
	614	normal	NAD		1	1	1	1	1	1	1	1
	615	normal	NAD		1	1	1	1	1	1	1	1
	616	normal	NAD		1	1	1	1	1	1	1	1
	617	normal	NAD		1	1	1	1	1	1	1	1
	618	normal	NAD		1	1	1	1	1	1	1	1
	619	normal	NAD		1	1	1	1	1	1	1	1
	620	normal	NAD		1	1	1	1	1	1	1	1

Test Group
11/M
20 mg/kg
bw/d

IIA- 1777
03-Dec-2018 11:39
Ascentos™ 1.3

Study 90R0066/05R034_2A
Individual Signs Pre- and/or Post-Dosing
Sex: Male - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					39	39	39	40	40	40	40	41	41	41
	611	normal	NAD		[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	
	612	normal	NAD		1	1	1	1	1	1	1	1	1	1
	613	normal	NAD		1	1	1	1	1	1	1	1	1	1
	614	normal	NAD		1	1	1	1	1	1	1	1	1	1
	615	normal	NAD		1	1	1	1	1	1	1	1	1	1
	616	normal	NAD		1	1	1	1	1	1	1	1	1	1
	617	normal	NAD		1	1	1	1	1	1	1	1	1	1
	618	normal	NAD		1	1	1	1	1	1	1	1	1	1
	619	normal	NAD		1	1	1	1	1	1	1	1	1	1
	620	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1778

03-Dec-2018 11:39

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					42	42	42	43	43	43	44	44
					[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]
	611	normal	NAD		1	1	1	1	1	1	1	1
	612	normal	NAD		1	1	1	1	1	1	1	1
	613	normal	NAD		1	1	1	1	1	1	1	1
	614	normal	NAD		1	1	1	1	1	1	1	1
	615	normal	NAD		1	1	1	1	1	1	1	1
	616	normal	NAD		1	1	1	1	1	1	1	1
	617	normal	NAD		1	1	1	1	1	1	1	1
	618	normal	NAD		1	1	1	1	1	1	1	1
	619	normal	NAD		1	1	1	1	1	1	1	1
	620	normal	NAD		1	1	1	1	1	1	1	1

Test Group
11/M
20 mg/kg
bw/d

IIA- 1779

03-Dec-2018 11:39

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					45	45	45	46	46	46	46	47	47	47
	611	normal	NAD		1	1	1	1	1	1	1			
	612	normal	NAD		1	1	1	1	1	1	1			
	613	normal	NAD		1	1	1	1	1	1	1			
	614	normal	NAD		1	1	1	1	1	1	1			
	615	normal	NAD		1	1	1	1	1	1	1	1	1	1
	616	normal	NAD		1	1	1	1	1	1	1	1	1	1
	617	normal	NAD		1	1	1	1	1	1	1	1	1	1
	618	normal	NAD		1	1	1	1	1	1	1	1	1	1
	619	normal	NAD		1	1	1	1	1	1	1	1	1	1
	620	normal	NAD		1	1	1	1	1	1	1	1	1	1

Test Group
11/M
20 mg/kg
bw/d

IIA- 1780
03-Dec-2018 11:39
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day					
					48	48	48	49	49	49
	611	normal	NAD		[-03:00-00:00]	NS	NS	NS	[00:00-02:00]	[02:00-05:00]
	612	normal	NAD		NS	NS	NS	NS	NS	NS
	613	normal	NAD		NS	NS	NS	NS	NS	NS
	614	normal	NAD		NS	NS	NS	NS	NS	NS
	615	normal	NAD		NS	NS	NS	NS	NS	NS
	616	normal	NAD		NS	NS	NS	NS	NS	NS
	617	normal	NAD		NS	NS	NS	NS	NS	NS
	618	normal	NAD		1	1	1	1	1	1
	619	normal	NAD		1	1	1	1	1	1
	620	normal	NAD		1	1	1	1	1	1

NS = No More Scheduled

IIA- 1781
03-Dec-2018 11:41
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day											
					0	0	0	0	1	1	1	1	1	1	1	1
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[00:00-02:00]	[-03:00-00:00]	[02:00-05:00]	[00:00-02:00]	[02:00-05:00]
Test Group 12/M 60 mg/kg bw/d	621	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	622	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	623	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	624	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	625	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	626	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	627	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	628	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	629	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	630	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1

IIA- 1782

03-Dec-2018 11:43

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					3	3	3	4	4	4	4	5	5	5
					[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]
Test Group 12/M 60 mg/kg bw/d	621	normal	NAD		1	1	1	1	1	1	1	1	1	1
	622	normal	NAD		1	1	1	1	1	1	1	1	1	1
	623	normal	NAD		1	1	1	1	1	1	1	1	1	1
	624	normal	NAD		1	1	1	1	1	1	1	1	1	1
	625	normal	NAD		1	1	1	1	1	1	1	1	1	1
	626	normal	NAD		1	1	1	1	1	1	1	1	1	1
	627	normal	NAD		1	1	1	1	1	1	1	1	1	1
	628	normal	NAD		1	1	1	1	1	1	1	1	1	1
	629	normal	NAD		1	1	1	1	1	1	1	1	1	1
	630	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1783

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Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					6	6	6	7	7	7	7	8
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
Test Group 12/M 60 mg/kg bw/d	621	normal	NAD		1	1	1	1	1	1	1	1
	622	normal	NAD		1	1	1	1	1	1	1	1
	623	normal	NAD		1	1	1	1	1	1	1	1
	624	normal	NAD		1	1	1	1	1	1	1	1
	625	normal	NAD		1	1	1	1	1	1	1	1
	626	normal	NAD		1	1	1	1	1	1	1	1
	627	normal	NAD		1	1	1	1	1	1	1	1
	628	normal	NAD		1	1	1	1	1	1	1	1
	629	normal	NAD		1	1	1	1	1	1	1	1
	630	normal	NAD		1	1	1	1	1	1	1	1

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Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					9	9	9	9	10	10	10	10	11	11
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[-03:00- 00:00]	[02:00- 05:00]
Test Group 12/M 60 mg/kg bw/d	621	normal	NAD		1	1	1	1	1	1	1	1	1	1
	622	normal	NAD		1	1	1	1	1	1	1	1	1	1
	623	normal	NAD		1	1	1	1	1	1	1	1	1	1
	624	normal	NAD		1	1	1	1	1	1	1	1	1	1
	625	normal	NAD		1	1	1	1	1	1	1	1	1	1
	626	normal	NAD		1	1	1	1	1	1	1	1	1	1
	627	normal	NAD		1	1	1	1	1	1	1	1	1	1
	628	normal	NAD		1	1	1	1	1	1	1	1	1	1
	629	normal	NAD		1	1	1	1	1	1	1	1	1	1
	630	normal	NAD		1	1	1	1	1	1	1	1	1	1

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Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					12	12	12	13	13	13	13	13	14	14
					[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]
Test Group 12/M 60 mg/kg bw/d	621	normal	NAD		1	1	1	1	1	1	1	1	1	1
	622	normal	NAD		1	1	1	1	1	1	1	1	1	1
	623	normal	NAD		1	1	1	1	1	1	1	1	1	1
	624	normal	NAD		1	1	1	1	1	1	1	1	1	1
	625	normal	NAD		1	1	1	1	1	1	1	1	1	1
	626	normal	NAD		1	1	1	1	1	1	1	1	1	1
	627	normal	NAD		1	1	1	1	1	1	1	1	1	1
	628	normal	NAD		1	1	1	1	1	1	1	1	1	1
	629	normal	NAD		1	1	1	1	1	1	1	1	1	1
	630	normal	NAD		1	1	1	1	1	1	1	1	1	1

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Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					15	15	15	16	16	16	16	17	17	17
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]
Test Group 12/M 60 mg/kg bw/d	621	normal	NAD		1	1	1	1	1	1	1	1	1	1
	622	normal	NAD		1	1	1	1	1	1	1	1	1	1
	623	normal	NAD		1	1	1	1	1	1	1	1	1	1
	624	normal	NAD		1	1	1	1	1	1	1	1	1	1
	625	normal	NAD		1	1	1	1	1	1	1	1	1	1
	626	normal	NAD		1	1	1	1	1	1	1	1	1	1
	627	normal	NAD		1	1	1	1	1	1	1	1	1	1
	628	normal	NAD		1	1	1	1	1	1	1	1	1	1
	629	normal	NAD		1	1	1	1	1	1	1	1	1	1
	630	normal	NAD		1	1	1	1	1	1	1	1	1	1

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Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					18	18	18	19	19	19	19	20	20	20
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[00:00- 02:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]
Test Group 12/M 60 mg/kg bw/d	621	normal	NAD		1	1	1	1	1	1	1	1	1	1
	622	normal	NAD		1	1	1	1	1	1	1	1	1	1
	623	normal	NAD		1	1	1	1	1	1	1	1	1	1
	624	normal	NAD		1	1	1	1	1	1	1	1	1	1
	625	normal	NAD		1	1	1	1	1	1	1	1	1	1
	626	normal	NAD		1	1	1	1	1	1	1	1	1	1
	627	normal	NAD		1	1	1	1	1	1	1	1	1	1
	628	normal	NAD		1	1	1	1	1	1	1	1	1	1
	629	normal	NAD		1	1	1	1	1	1	1	1	1	1
	630	normal	NAD		1	1	1	1	1	1	1	1	1	1

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Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					21	21	21	22	22	22	22	23	23	23
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]
Test Group 12/M 60 mg/kg bw/d	621	normal	NAD		1	1	1	1	1	1	1	1	1	1
	622	normal	NAD		1	1	1	1	1	1	1	1	1	1
	623	normal	NAD		1	1	1	1	1	1	1	1	1	1
	624	normal	NAD		1	1	1	1	1	1	1	1	1	1
	625	normal	NAD		1	1	1	1	1	1	1	1	1	1
	626	normal	NAD		1	1	1	1	1	1	1	1	1	1
	627	normal	NAD		1	1	1	1	1	1	1	1	1	1
	628	normal	NAD		1	1	1	1	1	1	1	1	1	1
	629	normal	NAD		1	1	1	1	1	1	1	1	1	1
	630	normal	NAD		1	1	1	1	1	1	1	1	1	1

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Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					24	24	24	25	25	25	25	26	26	26
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[00:00-02:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]
Test Group 12/M 60 mg/kg bw/d	621	normal	NAD		1	1	1	1	1	1	1	1	1	1
	622	normal	NAD		1	1	1	1	1	1	1	1	1	1
	623	normal	NAD		1	1	1	1	1	1	1	1	1	1
	624	normal	NAD		1	1	1	1	1	1	1	1	1	1
	625	normal	NAD		1	1	1	1	1	1	1	1	1	1
	626	normal	NAD		1	1	1	1	1	1	1	1	1	1
	627	normal	NAD		1	1	1	1	1	1	1	1	1	1
	628	normal	NAD		1	1	1	1	1	1	1	1	1	1
	629	normal	NAD		1	1	1	1	1	1	1	1	1	1
	630	normal	NAD		1	1	1	1	1	1	1	1	1	1

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Study 90R0066/05R034_2A
Individual Signs Pre- and/or Post-Dosing
Sex: Male - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					27	27	27	28	28	28	28	29	29	29
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	
Test Group 12/M 60 mg/kg bw/d	621	normal	NAD		1	1	1	1	1	1	1	1	1	1
	622	normal	NAD		1	1	1	1	1	1	1	1	1	1
	623	normal	NAD		1	1	1	1	1	1	1	1	1	1
	624	normal	NAD		1	1	1	1	1	1	1	1	1	1
	625	normal	NAD		1	1	1	1	1	1	1	1	1	1
	626	normal	NAD		1	1	1	1	1	1	1	1	1	1
	627	normal	NAD		1	1	1	1	1	1	1	1	1	1
	628	normal	NAD		1	1	1	1	1	1	1	1	1	1
	629	normal	NAD		1	1	1	1	1	1	1	1	1	1
	630	normal	NAD		1	1	1	1	1	1	1	1	1	1

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Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					30	30	30	31	31	31	31	31	32	32
					[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]
Test Group 12/M 60 mg/kg bw/d	621	normal	NAD		1	1	1	1	1	1	1	1	1	1
	622	normal	NAD		1	1	1	1	1	1	1	1	1	1
	623	normal	NAD		1	1	1	1	1	1	1	1	1	1
	624	normal	NAD		1	1	1	1	1	1	1	1	1	1
	625	normal	NAD		1	1	1	1	1	1	1	1	1	1
	626	normal	NAD		1	1	1	1	1	1	1	1	1	1
	627	normal	NAD		1	1	1	1	1	1	1	1	1	1
	628	normal	NAD		1	1	1	1	1	1	1	1	1	1
	629	normal	NAD		1	1	1	1	1	1	1	1	1	1
	630	normal	NAD		1	1	1	1	1	1	1	1	1	1

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Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					33	33	33	33	34	34	34	34	35	35
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[-03:00- 00:00]	[02:00- 05:00]
	621	normal	NAD		1	1	1	1	1	1	1	1	1	1
	622	normal	NAD		1	1	1	1	1	1	1	1	1	1
	623	normal	NAD		1	1	1	1	1	1	1	1	1	1
	624	normal	NAD		1	1	1	1	1	1	1	1	1	1
	625	normal	NAD		1	1	1	1	1	1	1	1	1	1
	626	normal	NAD		1	1	1	1	1	1	1	1	1	1
	627	normal	NAD		1	1	1	1	1	1	1	1	1	1
	628	normal	NAD		1	1	1	1	1	1	1	1	1	1
	629	normal	NAD		1	1	1	1	1	1	1	1	1	1
	630	normal	NAD		1	1	1	1	1	1	1	1	1	1

Test Group
12/M
60 mg/kg
bw/d

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Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					36 [-03:00- 00:00]	36 [00:00- 02:00]	36 [02:00- 05:00]	37 [-03:00- 00:00]	37 [00:00- 02:00]	37 [02:00- 05:00]	38 [-03:00- 00:00]	38 [00:00- 02:00]	38 [02:00- 05:00]	
Test Group 12/M 60 mg/kg bw/d	621	normal	NAD		1	1	1	1	1	1	1	1	1	
	622	normal	NAD		1	1	1	1	1	1	1	1	1	
	623	normal	NAD		1	1	1	1	1	1	1	1	1	
	624	normal	NAD		1	1	1	1	1	1	1	1	1	
	625	normal	NAD		1	1	1	1	1	1	1	1	1	
	626	normal	NAD		1	1	1	1	1	1	1	1	1	
	627	normal	NAD		1	1	1	1	1	1	1	1	1	
	628	normal	NAD		1	1	1	1	1	1	1	1	1	
	629	normal	NAD		1	1	1	1	1	1	1	1	1	
	630	normal	NAD		1	1	1	1	1	1	1	1	1	

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Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					39	39	39	40	40	40	40	41	41	41
					[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	
	621	normal	NAD		1	1	1	1	1	1	1	1	1	1
	622	normal	NAD		1	1	1	1	1	1	1	1	1	1
	623	normal	NAD		1	1	1	1	1	1	1	1	1	1
	624	normal	NAD		1	1	1	1	1	1	1	1	1	1
	625	normal	NAD		1	1	1	1	1	1	1	1	1	1
	626	normal	NAD		1	1	1	1	1	1	1	1	1	1
	627	normal	NAD		1	1	1	1	1	1	1	1	1	1
	628	normal	NAD		1	1	1	1	1	1	1	1	1	1
	629	normal	NAD		1	1	1	1	1	1	1	1	1	1
	630	normal	NAD		1	1	1	1	1	1	1	1	1	1

Test Group
12/M
60 mg/kg
bw/d

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Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					42	42	42	43	43	43	44	44
					[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]
	621	normal	NAD		1	1	1	1	1	1	1	1
	622	normal	NAD		1	1	1	1	1	1	1	1
	623	normal	NAD		1	1	1	1	1	1	1	1
	624	normal	NAD		1	1	1	1	1	1	1	1
	625	normal	NAD		1	1	1	1	1	1	1	1
	626	normal	NAD		1	1	1	1	1	1	1	1
	627	normal	NAD		1	1	1	1	1	1	1	1
	628	normal	NAD		1	1	1	1	1	1	1	1
	629	normal	NAD		1	1	1	1	1	1	1	1
	630	normal	NAD		1	1	1	1	1	1	1	1

Test Group 12/M
60 mg/kg
bw/d

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Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					45	45	45	46	46	46	46	47	47	47
					[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]
Test Group 12/M 60 mg/kg bw/d	621	normal	NAD		1	1	1	1	1	1	1			
	622	normal	NAD		1	1	1	1	1	1	1			
	623	normal	NAD		1	1	1	1	1	1	1			
	624	normal	NAD		1	1	1	1	1	1	1	1	1	1
	625	normal	NAD		1	1	1	1	1	1	1	1	1	1
	626	normal	NAD		1	1	1	1	1	1	1	1	1	1
	627	normal	NAD		1	1	1	1	1	1	1	1	1	1
	628	normal	NAD		1	1	1	1	1	1	1	1	1	1
	629	normal	NAD		1	1	1	1	1	1	1	1	1	1
	630	normal	NAD		1	1	1	1	1	1	1	1	1	1

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Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day					
					48 [-03:00- 00:00]	48 [00:00- 02:00]	48 [02:00- 05:00]	49 [-03:00- 00:00]	49 [00:00- 02:00]	49 [02:00- 05:00]
Test Group 12/M 60 mg/kg bw/d	621	normal	NAD		NS	NS	NS	NS	NS	NS
	622	normal	NAD		NS	NS	NS	NS	NS	NS
	623	normal	NAD		NS	NS	NS	NS	NS	NS
	624	normal	NAD					NS	NS	NS
	625	normal	NAD					NS	NS	NS
	626	normal	NAD					NS	NS	NS
	627	normal	NAD		1	1	1			
	628	normal	NAD		1	1	1			
	629	normal	NAD		1	1	1			
	630	normal	NAD		1	1	1	1	1	1

NS = No More Scheduled

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Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					0	0	0	1	1	1	1	1	2	2
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[02:00-05:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]
631		normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
632		normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
633		normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
634		normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
635		normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
636		normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
637		normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
638		normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
639		normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
640		normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1

Test Group

13/M

180 mg/kg

bw/d

IIA- 1799

03-Dec-2018 11:59

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					3	3	3	3	4	4	4	4	5	5
Test Group 13/M 180 mg/kg bw/d	631	normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight										
	632	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	633	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	634	normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate										
	635	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	636	head	salivation	Grade: moderate										
				Grade: slight										
	637	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	639	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	640	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1800

03-Dec-2018 11:59

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					6	6	6	7	7	7	7	8
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]
631		normal	NAD		1	1	1	1	1	1	1	1
		head	salivation	Grade: slight								
		normal	NAD		1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1
632		normal	NAD		1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate								
		normal	NAD		1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1
633		normal	NAD		1	1	1	1	1	1	1	1
		head	salivation	Grade: slight								
		normal	NAD		1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1
634		normal	NAD		1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate								
		normal	NAD		1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1
635		normal	NAD		1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate								
		normal	NAD		1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1
636		normal	NAD		1	1	1	1	1	1	1	1
		head	salivation	Grade: slight								
		normal	NAD		1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1
637		normal	NAD		1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate								
		normal	NAD		1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1
638		normal	NAD		1	1	1	1	1	1	1	1
		head	salivation	Grade: slight								
		normal	NAD		1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1
639		normal	NAD		1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate								
		normal	NAD		1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1
640		normal	NAD		1	1	1	1	1	1	1	1
		head	salivation	Grade: slight								
		normal	NAD		1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1

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Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					9	9	9	9	10	10	10	10	11	11
Test Group 13/M 180 mg/kg bw/d	631	normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight										
	632	normal	NAD		1	1	1	1	1	1	1	1	1	1
	633	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	634	head	salivation	Grade: moderate										
				Grade: slight										
	635	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	636	head	salivation	Grade: moderate										
				Grade: slight										
	637	normal	NAD		1	1	1	1	1	1	1	1	1	1
	638	normal	NAD		1	1	1	1	1	1	1	1	1	1
	639	normal	NAD		1	1	1	1	1	1	1	1	1	1
	640	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1802

03-Dec-2018 11:59

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					12 [-03:00-00:00]	12 [00:00-02:00]	12 [02:00-05:00]	12 [05:00-08:00]	13 [08:00-11:00]	13 [11:00-14:00]	13 [14:00-17:00]	13 [17:00-20:00]	14 [20:00-23:00]	14 [23:00-02:00]
Test Group 13/M 180 mg/kg b.w/d	631	normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight										
	632	normal	NAD		1	1	1	1	1	1	1	1	1	
	633	normal	NAD		1	1	1	1	1	1	1	1	1	
	634	normal	NAD		1	1	1	1	1	1	1	1	1	
		head	salivation	Grade: moderate										
	635	normal	NAD		1	1	1	1	1	1	1	1	1	
		normal	NAD		1	1	1	1	1	1	1	1	1	
	636	head	salivation	Grade: moderate										
				Grade: slight										
	637	normal	NAD		1	1	1	1	1	1	1	1	1	
	638	normal	NAD		1	1	1	1	1	1	1	1	1	
	639	normal	NAD		1	1	1	1	1	1	1	1	1	
	640	normal	NAD		1	1	1	1	1	1	1	1	1	

IIA- 1803

03-Dec-2018 11:59

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day											
					15	15	15	16	16	16	16	17	17	17	17	17
	631	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight												
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	632	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight												
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	633	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight												
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	634	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate												
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	635	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate												
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	636	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate												
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	637	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight												
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	638	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate												
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	639	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate												
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	640	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight												
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1

Test Group

13/M

180 mg/kg

bw/d

IIA- 1804

03-Dec-2018 11:59

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					18	18	18	19	19	19	20	20	20	20
Test Group 13/M 180 mg/kg bw/d	631	normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	632	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	633	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate										
	634	normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate										
Test Group 13/M 180 mg/kg bw/d	635	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate										
	636	normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	637	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	640	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1805

03-Dec-2018 12:00

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					21	21	21	22	22	22	23	23
Test Group 13/M 180 mg/kg bw/d	631	normal	NAD		1	1	1	1	1	1	1	1
		head	salivation	Grade: slight								
		normal	NAD		1	1	1	1	1	1	1	1
	632	normal	NAD		1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1
	633	normal	NAD		1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate								
	634	normal	NAD		1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate								
		normal	NAD		1	1	1	1	1	1	1	1
Test Group 13/M 180 mg/kg bw/d	635	normal	NAD		1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate								
	636	normal	NAD		1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate								
		normal	NAD		1	1	1	1	1	1	1	1
	637	normal	NAD		1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1
	638	normal	NAD		1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1
		head	salivation	Grade: slight								
Test Group 13/M 180 mg/kg bw/d	639	normal	NAD		1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1
		head	salivation	Grade: slight								
	640	normal	NAD		1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1
		head	salivation	Grade: slight								
	641	normal	NAD		1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1
		head	salivation	Grade: slight								
	642	normal	NAD		1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1
		head	salivation	Grade: slight								

IIA- 1806

03-Dec-2018 12:00

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day											
					24	24	24	25	25	25	25	26	26	26	26	26
Test Group 13/M 180 mg/kg bw/d	631	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight												
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	632	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	633	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate												
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	634	head	salivation	Grade: moderate												
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
Test Group 13/M 180 mg/kg bw/d	635	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate												
	636	head	salivation	Grade: moderate												
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	637	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	638	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
Test Group 13/M 180 mg/kg bw/d	639	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	640	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	641	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	642	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1

IIA- 1807

03-Dec-2018 12:00

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					27	27	27	28	28	28	28	29	29	29
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]
631		normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
632		normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
633		normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
634		normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
635		normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
636		normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
637		normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
638		normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
639		normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
640		normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1

Test Group

13/M

180 mg/kg

bw/d

IIA- 1808

03-Dec-2018 12:00

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					30	30	30	31	31	31	31	32	32	32
Test Group 13/M 180 mg/kg bw/d	631	normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight										
		normal	NAD		1	1	1	1	1	1	1	1	1	
	632	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	633	normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	634	head	salivation	Grade: slight	1	1	1	1	1	1	1	1	1	1
normal		NAD		1	1	1	1	1	1	1	1	1	1	
normal		NAD		1	1	1	1	1	1	1	1	1	1	
635	normal	NAD		1	1	1	1	1	1	1	1	1	1	
	normal	NAD		1	1	1	1	1	1	1	1	1	1	
	head	salivation	Grade: moderate											
636	head	salivation	Grade: slight											
	normal	NAD		1	1	1	1	1	1	1	1	1	1	
	normal	NAD		1	1	1	1	1	1	1	1	1	1	
637	normal	NAD		1	1	1	1	1	1	1	1	1	1	
	normal	NAD		1	1	1	1	1	1	1	1	1	1	
	normal	NAD		1	1	1	1	1	1	1	1	1	1	
638	normal	NAD		1	1	1	1	1	1	1	1	1	1	
	normal	NAD		1	1	1	1	1	1	1	1	1	1	
	normal	NAD		1	1	1	1	1	1	1	1	1	1	
639	normal	NAD		1	1	1	1	1	1	1	1	1	1	
	normal	NAD		1	1	1	1	1	1	1	1	1	1	
	normal	NAD		1	1	1	1	1	1	1	1	1	1	
640	normal	NAD		1	1	1	1	1	1	1	1	1	1	
	normal	NAD		1	1	1	1	1	1	1	1	1	1	
	normal	NAD		1	1	1	1	1	1	1	1	1	1	

IIA- 1809

03-Dec-2018 12:00

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					33	33	33	33	34	34	34	34	35	35
Test Group 13/M 180 mg/kg bw/d	631	normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight										
	632	normal	NAD		1	1	1	1	1	1	1	1	1	1
	633	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	634	head	salivation	Grade: moderate										
				Grade: slight	1	1	1	1	1	1	1	1	1	1
	635	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	636	head	salivation	Grade: moderate										
			Grade: slight											
637	normal	NAD		1	1	1	1	1	1	1	1	1	1	
638	normal	NAD		1	1	1	1	1	1	1	1	1	1	
639	normal	NAD		1	1	1	1	1	1	1	1	1	1	
640	normal	NAD		1	1	1	1	1	1	1	1	1	1	

IIA- 1810
03-Dec-2018 12:00
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					36	36	36	37	37	37	37	38	38	38
Test Group 13/M 180 mg/kg bw/d	631	normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	632	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	633	normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	634	normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
Test Group 13/M 180 mg/kg bw/d	635	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate										
	636	normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	637	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	638	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
Test Group 13/M 180 mg/kg bw/d	639	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	640	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	641	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	642	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1811

03-Dec-2018 12:00

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					39	39	39	40	40	40	41	41	41	41
Test Group 13/M 180 mg/kg bw/d	631	normal	NAD		1		1	1		1	1	1	1	1
		head	salivation	Grade: slight		1			1					
	632	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	633	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	634	head	salivation	Grade: moderate										
		head	salivation	Grade: slight					1				1	
	635	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	636	head	salivation	Grade: moderate										
		head	salivation	Grade: slight										
	637	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	639	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	640	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1812

03-Dec-2018 12:00

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					42	42	42	42	43	43	43	44	44	44
Test Group 13/M 180 mg/kg bw/d	631	normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight										
		normal	NAD		1	1	1	1	1	1	1	1	1	
	632	normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	633	normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: moderate										
		normal	NAD		1	1	1	1	1	1	1	1	1	1
	634	head	salivation	Grade: moderate										
normal		NAD	Grade: slight											
normal		NAD		1	1	1	1	1	1	1	1	1	1	
635	normal	NAD		1	1	1	1	1	1	1	1	1	1	
	normal	NAD		1	1	1	1	1	1	1	1	1	1	
	head	salivation	Grade: moderate											
636	head	salivation	Grade: slight											
	normal	NAD		1	1	1	1	1	1	1	1	1	1	
	normal	NAD		1	1	1	1	1	1	1	1	1	1	
637	normal	NAD		1	1	1	1	1	1	1	1	1	1	
	normal	NAD		1	1	1	1	1	1	1	1	1	1	
	normal	NAD		1	1	1	1	1	1	1	1	1	1	
638	normal	NAD		1	1	1	1	1	1	1	1	1	1	
	normal	NAD		1	1	1	1	1	1	1	1	1	1	
	normal	NAD		1	1	1	1	1	1	1	1	1	1	
639	normal	NAD		1	1	1	1	1	1	1	1	1	1	
	normal	NAD		1	1	1	1	1	1	1	1	1	1	
	normal	NAD		1	1	1	1	1	1	1	1	1	1	
640	normal	NAD		1	1	1	1	1	1	1	1	1	1	
	normal	NAD		1	1	1	1	1	1	1	1	1	1	
	normal	NAD		1	1	1	1	1	1	1	1	1	1	

IIA- 1813

03-Dec-2018 12:00

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					45	45	45	46	46	46	46	47	47	47
					[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[00:00 - 02:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]
631		normal	NAD		1	1	1	1			1			
		head	salivation	Grade: slight					1					
		normal	NAD		1	1	1	1	1	1				
		normal	NAD		1	1	1	1	1	1	1	1	1	1
632		normal	NAD		1	1	1	1			1			
		head	salivation	Grade: moderate										
		normal	NAD		1	1	1	1	1	1				
		normal	NAD		1	1	1	1	1	1	1	1	1	1
633		normal	NAD		1	1	1	1			1			
		head	salivation	Grade: slight										
		normal	NAD		1	1	1	1	1	1				
		normal	NAD		1	1	1	1	1	1	1	1	1	1
634		normal	NAD		1	1	1	1			1			
		head	salivation	Grade: moderate										
		normal	NAD		1	1	1	1	1	1				
		normal	NAD		1	1	1	1	1	1	1	1	1	1
635		normal	NAD		1	1	1	1			1			
		head	salivation	Grade: moderate										
		normal	NAD		1	1	1	1	1	1				
		normal	NAD		1	1	1	1	1	1	1	1	1	1
636		normal	NAD		1	1	1	1						
		head	salivation	Grade: slight										
		normal	NAD		1	1	1	1	1	1				
		normal	NAD		1	1	1	1	1	1	1	1	1	1
637		normal	NAD		1	1	1	1			1			
		head	salivation	Grade: moderate										
		normal	NAD		1	1	1	1	1	1				
		normal	NAD		1	1	1	1	1	1	1	1	1	1
638		normal	NAD		1	1	1	1			1			
		head	salivation	Grade: slight										
		normal	NAD		1	1	1	1	1	1				
		normal	NAD		1	1	1	1	1	1	1	1	1	1
639		normal	NAD		1	1	1	1			1			
		head	salivation	Grade: moderate										
		normal	NAD		1	1	1	1	1	1				
		normal	NAD		1	1	1	1	1	1	1	1	1	1
640		normal	NAD		1	1	1	1			1			
		head	salivation	Grade: slight										
		normal	NAD		1	1	1	1	1	1				
		normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1814
03-Dec-2018 12:01
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day					
					48 [-03:00-00:00]	48 [00:00-02:00]	48 [02:00-05:00]	49 [-03:00-00:00]	49 [00:00-02:00]	49 [02:00-05:00]
Test Group 13/M 180 mg/kg bw/d	631	normal	NAD		NS	NS	NS	NS	NS	NS
		head	salivation	Grade: slight	NS	NS	NS	NS	NS	NS
	632	normal	NAD		NS	NS	NS	NS	NS	NS
	633	normal	NAD					NS	NS	NS
		normal	NAD					NS	NS	NS
	634	head	salivation	Grade: moderate				NS	NS	NS
				Grade: slight				NS	NS	NS
	635	normal	NAD					NS	NS	NS
		normal	NAD		1	1	1			
	636	head	salivation	Grade: moderate						
			Grade: slight							
637	normal	NAD		1	1	1				
638	normal	NAD		1	1	1				
639	normal	NAD		1	1	1	1	1	1	
640	normal	NAD		1	1	1	1	1	1	

NS = No More Scheduled

IIA- 1815
03-Dec-2018 12:09
Ascentos™ 1.3

Study 90R0066/05R034_2A
Individual Signs Pre- and/or Post-Dosing
Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					0	0	0	0	1	1	1	1	2	2
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
Test Group 10/F 0 mg/kg bw/d	701	normal	NAD		1	1	1	1	1	1	1	1	1	1
	702	normal	NAD		1	1	1	1	1	1	1	1	1	1
	703	normal	NAD		1	1	1	1	1	1	1	1	1	1
	704	normal	NAD		1	1	1	1	1	1	1	1	1	1
	705	normal	NAD		1	1	1	1	1	1	1	1	1	1
	706	normal	NAD		1	1	1	1	1	1	1	1	1	1
	707	normal	NAD		1	1	1	1	1	1	1	1	1	1
	708	normal	NAD		1	1	1	1	1	1	1	1	1	1
	709	normal	NAD		1	1	1	1	1	1	1	1	1	1
	710	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1816
03-Dec-2018 12:11
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					3	3	3	3	4	4	4	4	5	5
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]
Test Group 10/F 0 mg/kg bw/d	701	normal	NAD		1	1	1	1	1	1	1	1	1	1
	702	normal	NAD		1	1	1	1	1	1	1	1	1	1
	703	normal	NAD		1	1	1	1	1	1	1	1	1	1
	704	normal	NAD		1	1	1	1	1	1	1	1	1	1
	705	normal	NAD		1	1	1	1	1	1	1	1	1	1
	706	normal	NAD		1	1	1	1	1	1	1	1	1	1
	707	normal	NAD		1	1	1	1	1	1	1	1	1	1
	708	normal	NAD		1	1	1	1	1	1	1	1	1	1
	709	normal	NAD		1	1	1	1	1	1	1	1	1	1
	710	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1817

03-Dec-2018 12:11

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					6	6	6	7	7	7	8	8
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]
Test Group 10/F 0 mg/kg bw/d	701	normal	NAD		1	1	1	1	1	1	1	1
	702	normal	NAD		1	1	1	1	1	1	1	1
	703	normal	NAD		1	1	1	1	1	1	1	1
	704	normal	NAD		1	1	1	1	1	1	1	1
	705	normal	NAD		1	1	1	1	1	1	1	1
	706	normal	NAD		1	1	1	1	1	1	1	1
	707	normal	NAD		1	1	1	1	1	1	1	1
	708	normal	NAD		1	1	1	1	1	1	1	1
	709	normal	NAD		1	1	1	1	1	1	1	1
	710	normal	NAD		1	1	1	1	1	1	1	1

IIA- 1818
03-Dec-2018 12:11
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					9	9	9	9	10	10	10	10	11	11
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[-03:00-00:00]	[00:00-02:00]
Test Group 10/F 0 mg/kg bw/d	701	normal	NAD		1	1	1	1	1	1	1	1	1	1
	702	normal	NAD		1	1	1	1	1	1	1	1	1	1
	703	normal	NAD		1	1	1	1	1	1	1	1	1	1
	704	normal	NAD		1	1	1	1	1	1	1	1	1	1
	705	normal	NAD		1	1	1	1	1	1	1	1	1	1
	706	normal	NAD		1	1	1	1	1	1	1	1	1	1
	707	normal	NAD		1	1	1	1	1	1	1	1	1	1
	708	normal	NAD		1	1	1	1	1	1	1	1	1	1
	709	normal	NAD		1	1	1	1	1	1	1	1	1	1
	710	normal	NAD		1	1	1	1	1	1	1	1	1	1

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

[illegible]

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

[illegible]

IIA- 1821
03-Dec-2018 12:11
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					18	18	18	19	19	19	19	20	20	20
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]
Test Group 10/F 0 mg/kg bw/d	701	normal	NAD		1	1	1	1	1	1	1	1	1	1
	702	normal	NAD		1	1	1	1	1	1	1	1	1	1
	703	normal	NAD		1	1	1	1	1	1	1	1	1	1
	704	normal	NAD		1	1	1	1	1	1	1	1	1	1
	705	normal	NAD		1	1	1	1	1	1	1	1	1	1
	706	normal	NAD		1	1	1	1	1	1	1	1	1	1
	707	normal	NAD		1	1	1	1	1	1	1	1	1	1
	708	normal	NAD		1	1	1	1	1	1	1	1	1	1
	709	normal	NAD		1	1	1	1	1	1	1	1	1	1
	710	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1822
03-Dec-2018 12:12
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					21	21	21	22	22	22	23	23	23	23
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]
Test Group 10/F 0 mg/kg bw/d	701	normal	NAD		1	1	1	1	1	1	1	1	1	1
	702	normal	NAD		1	1	1	1	1	1	1	1	1	1
	703	normal	NAD		1	1	1	1	1	1	1	1	1	1
	704	normal	NAD		1	1	1	1	1	1	1	1	1	1
	705	normal	NAD		1	1	1	1	1	1	1	1	1	1
	706	normal	NAD		1	1	1	1	1	1	1	1	1	1
	707	normal	NAD		1	1	1	1	1	1	1	1	1	1
	708	normal	NAD		1	1	1	1	1	1	1	1	1	1
	709	normal	NAD		1	1	1	1	1	1	1	1	1	1
	710	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1823
03-Dec-2018 12:12
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					24	24	24	25	25	25	25	26	26	26
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[00:00-02:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]
Test Group 10/F 0 mg/kg bw/d	701	normal	NAD		1	1	1	1	1	1	1	1	1	1
	702	normal	NAD		1	1	1	1	1	1	1	1	1	1
	703	normal	NAD		1	1	1	1	1	1	1	1	1	1
	704	normal	NAD		1	1	1	1	1	1	1	1	1	1
	705	normal	NAD		1	1	1	1	1	1	1	1	1	1
	706	normal	NAD		1	1	1	1	1	1	1	1	1	1
	707	normal	NAD		1	1	1	1	1	1	1	1	1	1
	708	normal	NAD		1	1	1	1	1	1	1	1	1	1
	709	normal	NAD		1	1	1	1	1	1	1	1	1	1
	710	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1824
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Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					27	27	27	28	28	28	28	29	29	29
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[02:00-05:00]
Test Group 10/F 0 mg/kg bw/d	701	normal	NAD		1	1	1	1	1	1	1	1	1	1
	702	normal	NAD		1	1	1	1	1	1	1	1	1	1
	703	normal	NAD		1	1	1	1	1	1	1	1	1	1
	704	normal	NAD		1	1	1	1	1	1	1	1	1	1
	705	normal	NAD		1	1	1	1	1	1	1	1	1	1
	706	normal	NAD		1	1	1	1	1	1	1	1	1	1
	707	normal	NAD		1	1	1	1	1	1	1	1	1	1
	708	normal	NAD		1	1	1	1	1	1	1	1	1	1
	709	normal	NAD		1	1	1	1	1	1	1	1	1	1
	710	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1825

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Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					30	30	30	31	31	31	31	31	32	32
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]
Test Group 10/F 0 mg/kg bw/d	701	normal	NAD		1	1	1	1	1	1	1	1	1	1
	702	normal	NAD		1	1	1	1	1	1	1	1	1	1
	703	normal	NAD		1	1	1	1	1	1	1	1	1	1
	704	normal	NAD		1	1	1	1	1	1	1	1	1	1
	705	normal	NAD		1	1	1	1	1	1	1	1	1	1
	706	normal	NAD		1	1	1	1	1	1	1	1	1	1
	707	normal	NAD		1	1	1	1	1	1	1	1	1	1
	708	normal	NAD		1	1	1	1	1	1	1	1	1	1
	709	normal	NAD		1	1	1	1	1	1	1	1	1	1
	710	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1826
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Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					33	33	33	33	33	34	34	34	34	35
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	
	701	normal	NAD		1	1	1	1	1	1	1	1	1	1
	702	normal	NAD		1	1	1	1	1	1	1	1	1	1
	703	normal	NAD		1	1	1	1	1	1	1	1	1	1
	704	normal	NAD		1	1	1	1	1	1	1	1	1	1
	705	normal	NAD		1	1	1	1	1	1	1	1	1	1
	706	normal	NAD		1	1	1	1	1	1	1	1	1	1
	707	normal	NAD		1	1	1	1	1	1	1	1	1	1
	708	normal	NAD		1	1	1	1	1	1	1	1	1	1
	709	normal	NAD		1	1	1	1	1	1	1	1	1	1
	710	normal	NAD		1	1	1	1	1	1	1	1	1	1

Test Group
10/F
0 mg/kg
bw/d

IIA- 1827

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Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					36	36	36	37	37	37	37	38	38	38
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[00:00-02:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]
Test Group 10/F 0 mg/kg bw/d	701	normal	NAD		1	1	1	1	1	1	1	1	1	1
	702	normal	NAD		1	1	1	1	1	1	1	1	1	1
	703	normal	NAD		1	1	1	1	1	1	1	1	1	1
	704	normal	NAD		1	1	1	1	1	1	1	1	1	1
	705	normal	NAD		1	1	1	1	1	1	1	1	1	1
	706	normal	NAD		1	1	1	1	1	1	1	1	1	1
	707	normal	NAD		1	1	1	1	1	1	1	1	1	1
	708	normal	NAD		1	1	1	1	1	1	1	1	1	1
	709	normal	NAD		1	1	1	1	1	1	1	1	1	1
	710	normal	NAD		1	1	1	1	1	1	1	1	1	1

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

[illegible]

IIA- 1829

03-Dec-2018 12:12

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Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					42	42	42	43	43	43	43	44	44	44
					[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[02:00 - 05:00]
Test Group 10/F 0 mg/kg bw/d	701	normal	NAD		1	1	1	1	1	1	1	1	1	1
	702	normal	NAD		1	1	1	1	1	1	1	1	1	1
	703	normal	NAD		1	1	1	1	1	1	1	1	1	1
	704	normal	NAD		1	1	1	1	1	1	1	1	1	1
	705	normal	NAD		1	1	1	1	1	1	1	1	1	1
	706	normal	NAD		1	1	1	1	1	1	1	1	1	1
	707	normal	NAD		1	1	1	1	1	1	1	1	1	1
	708	normal	NAD		1	1	1	1	1	1	1	1	1	1
	709	normal	NAD		1	1	1	1	1	1	1	1	1	1
	710	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1830
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Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					45	45	45	46	46	46	46	47	47	47
	701	normal	NAD		1	1	1	1	1	1	1			
	702	normal	NAD		1	1	1	1	1	1	1			
	703	normal	NAD		1	1	1	1	1	1	1			
	704	normal	NAD		1	1	1	1	1	1	1			
	705	normal	NAD		1	1	1	1	1	1	1	1	1	1
	706	normal	NAD		1	1	1	1	1	1	1	1	1	1
	707	normal	NAD		1	1	1	1	1	1	1	1	1	1
	708	normal	NAD		1	1	1	1	1	1	1	1	1	1
	709	normal	NAD		1	1	1	1	1	1	1	1	1	1
	710	normal	NAD		1	1	1	1	1	1	1	1	1	1

Test Group
10/F
0 mg/kg
bw/d

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Ascentos™ 1.3

Study 90R0066/05R034_2A
Individual Signs Pre- and/or Post-Dosing
Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day					
					48 [-03:00-00:00]	48 [00:00-02:00]	48 [02:00-05:00]	49 [-03:00-00:00]	49 [00:00-02:00]	49 [02:00-05:00]
Test Group 10/F 0 mg/kg bw/d	701	normal	NAD		NS	NS	NS	NS	NS	NS
	702	normal	NAD		NS	NS	NS	NS	NS	NS
	703	normal	NAD		NS	NS	NS	NS	NS	NS
	704	normal	NAD		NS	NS	NS	NS	NS	NS
	705	normal	NAD					NS	NS	NS
	706	normal	NAD					NS	NS	NS
	707	normal	NAD					NS	NS	NS
	708	normal	NAD		1	1	1			
	709	normal	NAD		1	1	1			
	710	normal	NAD		1	1	1	1	1	1

NS = No More Scheduled

IIA- 1832

03-Dec-2018 12:15

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day											
					0			1			2			3		
					00:00-01:00	01:00-02:00	02:00-03:00	03:00-04:00	04:00-05:00	05:00-06:00	06:00-07:00	07:00-08:00	08:00-09:00	09:00-10:00	10:00-11:00	11:00-12:00
Test Group 11/F 20 mg/kg bw/d	711	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	712	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	713	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	714	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	715	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	716	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	717	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	718	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	719	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	720	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1

IIA- 1833

03-Dec-2018 12:17

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					3	3	3	3	4	4	4	4	5	5
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]
Test Group 11/F 20 mg/kg bw/d	711	normal	NAD		1	1	1	1	1	1	1	1	1	1
	712	normal	NAD		1	1	1	1	1	1	1	1	1	1
	713	normal	NAD		1	1	1	1	1	1	1	1	1	1
	714	normal	NAD		1	1	1	1	1	1	1	1	1	1
	715	normal	NAD		1	1	1	1	1	1	1	1	1	1
	716	normal	NAD		1	1	1	1	1	1	1	1	1	1
	717	normal	NAD		1	1	1	1	1	1	1	1	1	1
	718	normal	NAD		1	1	1	1	1	1	1	1	1	1
	719	normal	NAD		1	1	1	1	1	1	1	1	1	1
	720	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1834

03-Dec-2018 12:17

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					6	6	6	7	7	7	7	8
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[02:00-05:00]	[02:00-05:00]
Test Group 11/F	711	normal	NAD		1	1	1	1	1	1	1	1
	712	normal	NAD		1	1	1	1	1	1	1	1
	713	normal	NAD		1	1	1	1	1	1	1	1
	714	normal	NAD		1	1	1	1	1	1	1	1
	715	normal	NAD		1	1	1	1	1	1	1	1
20 mg/kg bw/d	716	normal	NAD		1	1	1	1	1	1	1	1
	717	normal	NAD		1	1	1	1	1	1	1	1
	718	normal	NAD		1	1	1	1	1	1	1	1
	719	normal	NAD		1	1	1	1	1	1	1	1
	720	normal	NAD		1	1	1	1	1	1	1	1

IIA- 1835
03-Dec-2018 12:17
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					9	9	9	9	10	10	10	10	11	11
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-03:00]	[03:00-05:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]
Test Group 11/F	711	normal	NAD		1	1	1	1	1	1	1	1	1	1
	712	normal	NAD		1	1	1	1	1	1	1	1	1	1
	713	normal	NAD		1	1	1	1	1	1	1	1	1	1
	714	normal	NAD		1	1	1	1	1	1	1	1	1	1
	715	normal	NAD		1	1	1	1	1	1	1	1	1	1
20 mg/kg bw/d	716	normal	NAD		1	1	1	1	1	1	1	1	1	1
	717	normal	NAD		1	1	1	1	1	1	1	1	1	1
	718	normal	NAD		1	1	1	1	1	1	1	1	1	1
	719	normal	NAD		1	1	1	1	1	1	1	1	1	1
	720	normal	NAD		1	1	1	1	1	1	1	1	1	1

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03-Dec-2018 12:17
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					12	12	12	13	13	13	13	13	14	14
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]
Test Group 11/F	711	normal	NAD		1	1	1	1	1	1	1	1	1	1
	712	normal	NAD		1	1	1	1	1	1	1	1	1	1
	713	normal	NAD		1	1	1	1	1	1	1	1	1	1
	714	normal	NAD		1	1	1	1	1	1	1	1	1	1
	715	normal	NAD		1	1	1	1	1	1	1	1	1	1
20 mg/kg bw/d	716	normal	NAD		1	1	1	1	1	1	1	1	1	1
	717	normal	NAD		1	1	1	1	1	1	1	1	1	1
	718	normal	NAD		1	1	1	1	1	1	1	1	1	1
	719	normal	NAD		1	1	1	1	1	1	1	1	1	1
	720	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1837

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Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					15	15	15	16	16	16	16	17	17	17
					[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	
Test Group 11/F 20 mg/kg bw/d	711	normal	NAD		1	1	1	1	1	1	1	1	1	1
	712	normal	NAD		1	1	1	1	1	1	1	1	1	1
	713	normal	NAD		1	1	1	1	1	1	1	1	1	1
	714	normal	NAD		1	1	1	1	1	1	1	1	1	1
	715	normal	NAD		1	1	1	1	1	1	1	1	1	1
	716	normal	NAD		1	1	1	1	1	1	1	1	1	1
	717	normal	NAD		1	1	1	1	1	1	1	1	1	1
	718	normal	NAD		1	1	1	1	1	1	1	1	1	1
	719	normal	NAD		1	1	1	1	1	1	1	1	1	1
	720	normal	NAD		1	1	1	1	1	1	1	1	1	1

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

[illegible]

IIA- 1839

03-Dec-2018 12:17

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					21	21	21	22	22	22	23	23
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
Test Group 11/F 20 mg/kg bw/d	711	normal	NAD		1	1	1	1	1	1	1	1
	712	normal	NAD		1	1	1	1	1	1	1	1
	713	normal	NAD		1	1	1	1	1	1	1	1
	714	normal	NAD		1	1	1	1	1	1	1	1
	715	normal	NAD		1	1	1	1	1	1	1	1
	716	normal	NAD		1	1	1	1	1	1	1	1
	717	normal	NAD		1	1	1	1	1	1	1	1
	718	normal	NAD		1	1	1	1	1	1	1	1
	719	normal	NAD		1	1	1	1	1	1	1	1
	720	normal	NAD		1	1	1	1	1	1	1	1

IIA- 1840
03-Dec-2018 12:18
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					24	24	24	25	25	25	25	26	26	26
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[00:00-02:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]
Test Group 11/F	711	normal	NAD		1	1	1	1	1	1	1	1	1	1
	712	normal	NAD		1	1	1	1	1	1	1	1	1	1
	713	normal	NAD		1	1	1	1	1	1	1	1	1	1
	714	normal	NAD		1	1	1	1	1	1	1	1	1	1
	715	normal	NAD		1	1	1	1	1	1	1	1	1	1
20 mg/kg bw/d	716	normal	NAD		1	1	1	1	1	1	1	1	1	1
	717	normal	NAD		1	1	1	1	1	1	1	1	1	1
	718	normal	NAD		1	1	1	1	1	1	1	1	1	1
	719	normal	NAD		1	1	1	1	1	1	1	1	1	1
	720	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1841
03-Dec-2018 12:18
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					27	27	27	28	28	28	28	29	29	29
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]
Test Group 11/F	711	normal	NAD		1	1	1	1	1	1	1	1	1	1
	712	normal	NAD		1	1	1	1	1	1	1	1	1	1
	713	normal	NAD		1	1	1	1	1	1	1	1	1	1
	714	normal	NAD		1	1	1	1	1	1	1	1	1	1
	715	normal	NAD		1	1	1	1	1	1	1	1	1	1
20 mg/kg bw/d	716	normal	NAD		1	1	1	1	1	1	1	1	1	1
	717	normal	NAD		1	1	1	1	1	1	1	1	1	1
	718	normal	NAD		1	1	1	1	1	1	1	1	1	1
	719	normal	NAD		1	1	1	1	1	1	1	1	1	1
	720	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1842
03-Dec-2018 12:18
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					30	30	30	31	31	31	31	31	32	32
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]
Test Group 11/F	711	normal	NAD		1	1	1	1	1	1	1	1	1	1
	712	normal	NAD		1	1	1	1	1	1	1	1	1	1
	713	normal	NAD		1	1	1	1	1	1	1	1	1	1
	714	normal	NAD		1	1	1	1	1	1	1	1	1	1
	715	normal	NAD		1	1	1	1	1	1	1	1	1	1
20 mg/kg bw/d	716	normal	NAD		1	1	1	1	1	1	1	1	1	1
	717	normal	NAD		1	1	1	1	1	1	1	1	1	1
	718	normal	NAD		1	1	1	1	1	1	1	1	1	1
	719	normal	NAD		1	1	1	1	1	1	1	1	1	1
	720	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1843
03-Dec-2018 12:18
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					33	33	33	33	34	34	34	34	35	35
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	
Test Group 11/F 20 mg/kg bw/d	711	normal	NAD		1	1	1	1	1	1	1	1	1	1
	712	normal	NAD		1	1	1	1	1	1	1	1	1	1
	713	normal	NAD		1	1	1	1	1	1	1	1	1	1
	714	normal	NAD		1	1	1	1	1	1	1	1	1	1
	715	normal	NAD		1	1	1	1	1	1	1	1	1	1
	716	normal	NAD		1	1	1	1	1	1	1	1	1	1
	717	normal	NAD		1	1	1	1	1	1	1	1	1	1
	718	normal	NAD		1	1	1	1	1	1	1	1	1	1
	719	normal	NAD		1	1	1	1	1	1	1	1	1	1
	720	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1844
03-Dec-2018 12:18
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					36	36	36	37	37	37	37	38	38	38
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[00:00-02:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]
Test Group 11/F	711	normal	NAD		1	1	1	1	1	1	1	1	1	1
	712	normal	NAD		1	1	1	1	1	1	1	1	1	1
	713	normal	NAD		1	1	1	1	1	1	1	1	1	1
	714	normal	NAD		1	1	1	1	1	1	1	1	1	1
	715	normal	NAD		1	1	1	1	1	1	1	1	1	1
20 mg/kg bw/d	716	normal	NAD		1	1	1	1	1	1	1	1	1	1
	717	normal	NAD		1	1	1	1	1	1	1	1	1	1
	718	normal	NAD		1	1	1	1	1	1	1	1	1	1
	719	normal	NAD		1	1	1	1	1	1	1	1	1	1
	720	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1845
03-Dec-2018 12:18
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					39	39	39	40	40	40	40	41	41	41
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]
Test Group 11/F 20 mg/kg bw/d	711	normal	NAD		1	1	1	1	1	1	1	1	1	1
	712	normal	NAD		1	1	1	1	1	1	1	1	1	1
	713	normal	NAD		1	1	1	1	1	1	1	1	1	1
	714	normal	NAD		1	1	1	1	1	1	1	1	1	1
	715	normal	NAD		1	1	1	1	1	1	1	1	1	1
	716	normal	NAD		1	1	1	1	1	1	1	1	1	1
	717	normal	NAD		1	1	1	1	1	1	1	1	1	1
	718	normal	NAD		1	1	1	1	1	1	1	1	1	1
	719	normal	NAD		1	1	1	1	1	1	1	1	1	1
	720	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1846
03-Dec-2018 12:18
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					42	42	42	43	43	43	43	44	44	44
					[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]
Test Group 11/F	711	normal	NAD		1	1	1	1	1	1	1	1	1	1
	712	normal	NAD		1	1	1	1	1	1	1	1	1	1
	713	normal	NAD		1	1	1	1	1	1	1	1	1	1
	714	normal	NAD		1	1	1	1	1	1	1	1	1	1
	715	normal	NAD		1	1	1	1	1	1	1	1	1	1
20 mg/kg bw/d	716	normal	NAD		1	1	1	1	1	1	1	1	1	1
	717	normal	NAD		1	1	1	1	1	1	1	1	1	1
	718	normal	NAD		1	1	1	1	1	1	1	1	1	1
	719	normal	NAD		1	1	1	1	1	1	1	1	1	1
	720	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1847

03-Dec-2018 12:18

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					45	45	45	46	46	46	46	47	47	47
	711	normal	NAD		1	1	1	1	1	1	1	1	1	1
	712	normal	NAD		1	1	1	1	1	1	1	1	1	1
	713	normal	NAD		1	1	1	1	1	1	1	1	1	1
	714	normal	NAD		1	1	1	1	1	1	1	1	1	1
	715	normal	NAD		1	1	1	1	1	1	1	1	1	1
	716	normal	NAD		1	1	1	1	1	1	1	1	1	1
	717	normal	NAD		1	1	1	1	1	1	1	1	1	1
	718	normal	NAD		1	1	1	1	1	1	1	1	1	1
	719	normal	NAD		1	1	1	1	1	1	1	1	1	1
	720	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1848
03-Dec-2018 12:18
Ascentos™ 1.3

Study 90R0066/05R034_2A
Individual Signs Pre- and/or Post-Dosing
Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day					
					48 [-03:00-00:00]	48 [00:00-02:00]	48 [02:00-05:00]	49 [-03:00-00:00]	49 [00:00-02:00]	49 [02:00-05:00]
Test Group 11/F	711	normal	NAD		NS	NS	NS	NS	NS	NS
	712	normal	NAD		NS	NS	NS	NS	NS	NS
	713	normal	NAD		NS	NS	NS	NS	NS	NS
	714	normal	NAD					NS	NS	NS
	715	normal	NAD					NS	NS	NS
20 mg/kg bw/d	716	normal	NAD					NS	NS	NS
	717	normal	NAD		1	1	1			
	718	normal	NAD		1	1	1			
	719	normal	NAD		1	1	1			
	720	normal	NAD		1	1	1	1	1	1

NS = No More Scheduled

IIA- 1849
03-Dec-2018 12:23
Ascentos™ 1.3

Study 90R0066/05R034_2A
Individual Signs Pre- and/or Post-Dosing
Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day											
					0	0	0	0	1	1	1	1	1	1	1	1
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[00:00-02:00]	[-03:00-00:00]	[02:00-05:00]	[00:00-02:00]	[02:00-05:00]
Test Group 12/F 60 mg/kg bw/d	721	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	722	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	723	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	724	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	725	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	726	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	727	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	728	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	729	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	730	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1

IIA- 1850
03-Dec-2018 12:26
Ascentos™ 1.3

Study 90R0066/05R034_2A
Individual Signs Pre- and/or Post-Dosing
Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					3	3	3	3	4	4	4	4	5	5
					[-03:00- [00:00- 02:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[00:00- 02:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[00:00- 02:00]
Test Group 12/F 60 mg/kg bw/d	721	normal	NAD		1	1	1	1	1	1	1	1	1	1
	722	normal	NAD		1	1	1	1	1	1	1	1	1	1
	723	normal	NAD		1	1	1	1	1	1	1	1	1	1
	724	normal	NAD		1	1	1	1	1	1	1	1	1	1
	725	normal	NAD		1	1	1	1	1	1	1	1	1	1
	726	normal	NAD		1	1	1	1	1	1	1	1	1	1
	727	normal	NAD		1	1	1	1	1	1	1	1	1	1
	728	normal	NAD		1	1	1	1	1	1	1	1	1	1
	729	normal	NAD		1	1	1	1	1	1	1	1	1	1
	730	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1851
03-Dec-2018 12:26
Ascentos™ 1.3

Study 90R0066/05R034_2A
Individual Signs Pre- and/or Post-Dosing
Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					6	6	6	7	7	7	7	8
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
Test Group 12/F 60 mg/kg bw/d	721	normal	NAD		1	1	1	1	1	1	1	1
	722	normal	NAD		1	1	1	1	1	1	1	1
	723	normal	NAD		1	1	1	1	1	1	1	1
	724	normal	NAD		1	1	1	1	1	1	1	1
	725	normal	NAD		1	1	1	1	1	1	1	1
	726	normal	NAD		1	1	1	1	1	1	1	1
	727	normal	NAD		1	1	1	1	1	1	1	1
	728	normal	NAD		1	1	1	1	1	1	1	1
	729	normal	NAD		1	1	1	1	1	1	1	1
	730	normal	NAD		1	1	1	1	1	1	1	1

IIA- 1852

03-Dec-2018 12:26

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day										
					9	9	9	9	10	10	10	10	10	11	11
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]
Test Group 12/F 60 mg/kg bw/d	721	normal	NAD		1	1	1	1	1	1	1	1	1	1	1
	722	normal	NAD		1	1	1	1	1	1	1	1	1	1	1
	723	normal	NAD		1	1	1	1	1	1	1	1	1	1	1
	724	normal	NAD		1	1	1	1	1	1	1	1	1	1	1
	725	normal	NAD		1	1	1	1	1	1	1	1	1	1	1
	726	normal	NAD		1	1	1	1	1	1	1	1	1	1	1
	727	normal	NAD		1	1	1	1	1	1	1	1	1	1	1
	728	normal	NAD		1	1	1	1	1	1	1	1	1	1	1
	729	normal	NAD		1	1	1	1	1	1	1	1	1	1	1
	730	normal	NAD		1	1	1	1	1	1	1	1	1	1	1

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

[illegible]

IIA- 1854
03-Dec-2018 12:26
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					15	15	15	16	16	16	16	17	17	17
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]
Test Group 12/F 60 mg/kg bw/d	721	normal	NAD		1	1	1	1	1	1	1	1	1	1
	722	normal	NAD		1	1	1	1	1	1	1	1	1	1
	723	normal	NAD		1	1	1	1	1	1	1	1	1	1
	724	normal	NAD		1	1	1	1	1	1	1	1	1	1
	725	normal	NAD		1	1	1	1	1	1	1	1	1	1
	726	normal	NAD		1	1	1	1	1	1	1	1	1	1
	727	normal	NAD		1	1	1	1	1	1	1	1	1	1
	728	normal	NAD		1	1	1	1	1	1	1	1	1	1
	729	normal	NAD		1	1	1	1	1	1	1	1	1	1
	730	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1855

03-Dec-2018 12:26

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					18	18	18	19	19	19	19	20	20	20
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[00:00-02:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]
Test Group 12/F 60 mg/kg bw/d	721	normal	NAD		1	1	1	1	1	1	1	1	1	1
	722	normal	NAD		1	1	1	1	1	1	1	1	1	1
	723	normal	NAD		1	1	1	1	1	1	1	1	1	1
	724	normal	NAD		1	1	1	1	1	1	1	1	1	1
	725	normal	NAD		1	1	1	1	1	1	1	1	1	1
	726	normal	NAD		1	1	1	1	1	1	1	1	1	1
	727	normal	NAD		1	1	1	1	1	1	1	1	1	1
	728	normal	NAD		1	1	1	1	1	1	1	1	1	1
	729	normal	NAD		1	1	1	1	1	1	1	1	1	1
	730	normal	NAD		1	1	1	1	1	1	1	1	1	1

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Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					21	21	21	22	22	22	22	23	23	23
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]
Test Group 12/F 60 mg/kg bw/d	721	normal	NAD		1	1	1	1	1	1	1	1	1	1
	722	normal	NAD		1	1	1	1	1	1	1	1	1	1
	723	normal	NAD		1	1	1	1	1	1	1	1	1	1
	724	normal	NAD		1	1	1	1	1	1	1	1	1	1
	725	normal	NAD		1	1	1	1	1	1	1	1	1	1
	726	normal	NAD		1	1	1	1	1	1	1	1	1	1
	727	normal	NAD		1	1	1	1	1	1	1	1	1	1
	728	normal	NAD		1	1	1	1	1	1	1	1	1	1
	729	normal	NAD		1	1	1	1	1	1	1	1	1	1
	730	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1857
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Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					24	24	24	25	25	25	25	26	26	26
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]
Test Group 12/F 60 mg/kg bw/d	721	normal	NAD		1	1	1	1	1	1	1	1	1	1
	722	normal	NAD		1	1	1	1	1	1	1	1	1	1
	723	normal	NAD		1	1	1	1	1	1	1	1	1	1
	724	normal	NAD		1	1	1	1	1	1	1	1	1	1
	725	normal	NAD		1	1	1	1	1	1	1	1	1	1
	726	normal	NAD		1	1	1	1	1	1	1	1	1	1
	727	normal	NAD		1	1	1	1	1	1	1	1	1	1
	728	normal	NAD		1	1	1	1	1	1	1	1	1	1
	729	normal	NAD		1	1	1	1	1	1	1	1	1	1
	730	normal	NAD		1	1	1	1	1	1	1	1	1	1

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Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					27	27	27	28	28	28	28	29	29	29
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]
Test Group 12/F 60 mg/kg bw/d	721	normal	NAD		1	1	1	1	1	1	1	1	1	1
	722	normal	NAD		1	1	1	1	1	1	1	1	1	1
	723	normal	NAD		1	1	1	1	1	1	1	1	1	1
	724	normal	NAD		1	1	1	1	1	1	1	1	1	1
	725	normal	NAD		1	1	1	1	1	1	1	1	1	1
	726	normal	NAD		1	1	1	1	1	1	1	1	1	1
	727	normal	NAD		1	1	1	1	1	1	1	1	1	1
	728	normal	NAD		1	1	1	1	1	1	1	1	1	1
	729	normal	NAD		1	1	1	1	1	1	1	1	1	1
	730	normal	NAD		1	1	1	1	1	1	1	1	1	1

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Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					30	30	30	31	31	31	31	32	32	32
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[00:00-02:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]
Test Group 12/F 60 mg/kg bw/d	721	normal	NAD		1	1	1	1	1	1	1	1	1	1
	722	normal	NAD		1	1	1	1	1	1	1	1	1	1
	723	normal	NAD		1	1	1	1	1	1	1	1	1	1
	724	normal	NAD		1	1	1	1	1	1	1	1	1	1
	725	normal	NAD		1	1	1	1	1	1	1	1	1	1
	726	normal	NAD		1	1	1	1	1	1	1	1	1	1
	727	normal	NAD		1	1	1	1	1	1	1	1	1	1
	728	normal	NAD		1	1	1	1	1	1	1	1	1	1
	729	normal	NAD		1	1	1	1	1	1	1	1	1	1
	730	normal	NAD		1	1	1	1	1	1	1	1	1	1

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Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					33	33	33	33	34	34	34	34	35	35
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-03:00]	[03:00-06:00]	[06:00-09:00]	[09:00-12:00]	[12:00-15:00]	[15:00-18:00]
Test Group 12/F 60 mg/kg bw/d	721	normal	NAD		1	1	1	1	1	1	1	1	1	1
	722	normal	NAD		1	1	1	1	1	1	1	1	1	1
	723	normal	NAD		1	1	1	1	1	1	1	1	1	1
	724	normal	NAD		1	1	1	1	1	1	1	1	1	1
	725	normal	NAD		1	1	1	1	1	1	1	1	1	1
	726	normal	NAD		1	1	1	1	1	1	1	1	1	1
	727	normal	NAD		1	1	1	1	1	1	1	1	1	1
	728	normal	NAD		1	1	1	1	1	1	1	1	1	1
	729	normal	NAD		1	1	1	1	1	1	1	1	1	1
	730	normal	NAD		1	1	1	1	1	1	1	1	1	1

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Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					36 [-03:00- 00:00]	36 [00:00- 02:00]	36 [02:00- 05:00]	37 [-03:00- 00:00]	37 [00:00- 02:00]	37 [02:00- 05:00]	38 [-03:00- 00:00]	38 [00:00- 02:00]	38 [02:00- 05:00]	
Test Group 12/F 60 mg/kg bw/d	721	normal	NAD		1	1	1	1	1	1	1	1	1	
	722	normal	NAD		1	1	1	1	1	1	1	1	1	
	723	normal	NAD		1	1	1	1	1	1	1	1	1	
	724	normal	NAD		1	1	1	1	1	1	1	1	1	
	725	normal	NAD		1	1	1	1	1	1	1	1	1	
	726	normal	NAD		1	1	1	1	1	1	1	1	1	
	727	normal	NAD		1	1	1	1	1	1	1	1	1	
	728	normal	NAD		1	1	1	1	1	1	1	1	1	
	729	normal	NAD		1	1	1	1	1	1	1	1	1	
	730	normal	NAD		1	1	1	1	1	1	1	1	1	

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Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					39	39	39	40	40	40	40	41	41	41
					[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	
Test Group 12/F 60 mg/kg bw/d	721	normal	NAD		1	1	1	1	1	1	1	1	1	1
	722	normal	NAD		1	1	1	1	1	1	1	1	1	1
	723	normal	NAD		1	1	1	1	1	1	1	1	1	1
	724	normal	NAD		1	1	1	1	1	1	1	1	1	1
	725	normal	NAD		1	1	1	1	1	1	1	1	1	1
	726	normal	NAD		1	1	1	1	1	1	1	1	1	1
	727	normal	NAD		1	1	1	1	1	1	1	1	1	1
	728	normal	NAD		1	1	1	1	1	1	1	1	1	1
	729	normal	NAD		1	1	1	1	1	1	1	1	1	1
	730	normal	NAD		1	1	1	1	1	1	1	1	1	1

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Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					42	42	42	43	43	43	44	44
					[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]
	721	normal	NAD		1	1	1	1	1	1	1	1
	722	normal	NAD		1	1	1	1	1	1	1	1
	723	normal	NAD		1	1	1	1	1	1	1	1
	724	normal	NAD		1	1	1	1	1	1	1	1
	725	normal	NAD		1	1	1	1	1	1	1	1
	726	normal	NAD		1	1	1	1	1	1	1	1
	727	normal	NAD		1	1	1	1	1	1	1	1
	728	normal	NAD		1	1	1	1	1	1	1	1
	729	normal	NAD		1	1	1	1	1	1	1	1
	730	normal	NAD		1	1	1	1	1	1	1	1

Test Group
12/F
60 mg/kg
bw/d

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Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					45	45	45	46	46	46	46	47	47	47
					[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	
	721	normal	NAD		1	1	1	1	1	1	1			
	722	normal	NAD		1	1	1	1	1	1	1			
	723	normal	NAD		1	1	1	1	1	1	1	1	1	1
	724	normal	NAD		1	1	1	1	1	1	1	1	1	1
	725	normal	NAD		1	1	1	1	1	1	1	1	1	1
	726	normal	NAD		1	1	1	1	1	1	1	1	1	1
	727	normal	NAD		1	1	1	1	1	1	1	1	1	1
	728	normal	NAD		1	1	1	1	1	1	1	1	1	1
	729	normal	NAD		1	1	1	1	1	1	1	1	1	1
	730	normal	NAD		1	1	1	1	1	1	1	1	1	1

Test Group
12/F
60 mg/kg
bw/d

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Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day				
					48	48	48	49	49
					[-03:00-00:00]	[00:00-02:00]	[00:00-02:00]	[-03:00-00:00]	[00:00-02:00]
Test Group 12/F 60 mg/kg bw/d	721	normal	NAD		NS	NS	NS	NS	NS
	722	normal	NAD		NS	NS	NS	NS	NS
	723	normal	NAD					NS	NS
	724	normal	NAD					NS	NS
	725	normal	NAD					NS	NS
	726	normal	NAD		1	1	1		
	727	normal	NAD		1	1	1		
	728	normal	NAD		1	1	1		
	729	normal	NAD		1	1	1	1	1
	730	normal	NAD		1	1	1	1	1

NS = No More Scheduled

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Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day											
					0			1			2			3		
					00:00-02:00	02:00-05:00	05:00-08:00	08:00-11:00	11:00-14:00	14:00-17:00	17:00-20:00	20:00-23:00	23:00-02:00	02:00-05:00	05:00-08:00	08:00-11:00
Test Group 13/F 180 mg/kg bw/d	731	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	732	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	733	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	734	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight												
	735	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	736	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	737	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	738	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	739	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	740	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1

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Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					3	3	3	3	4	4	4	4	5	5
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[02:00-05:00]	[00:00-02:00]	[02:00-05:00]
Test Group 13/F 180 mg/kg bw/d	731	normal	NAD		1	1	1	1	1	1	1	1	1	1
	732	normal	NAD		1	1	1	1	1	1	1	1	1	1
	733	normal	NAD		1	1	1	1	1	1	1	1	1	1
	734	normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight										
	735	normal	NAD		1	1	1	1	1	1	1	1	1	1
	736	normal	NAD		1	1	1	1	1	1	1	1	1	1
	737	normal	NAD		1	1	1	1	1	1	1	1	1	1
	738	normal	NAD		1	1	1	1	1	1	1	1	1	1
	739	normal	NAD		1	1	1	1	1	1	1	1	1	1
	740	normal	NAD		1	1	1	1	1	1	1	1	1	1

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Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					6	6	6	7	7	7	7	8
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[02:00-05:00]	[02:00-05:00]
Test Group 13/F 180 mg/kg bw/d	731	normal	NAD		1	1	1	1	1	1	1	1
	732	normal	NAD		1	1	1	1	1	1	1	1
	733	normal	NAD		1	1	1	1	1	1	1	1
	734	normal	NAD		1	1	1	1	1	1	1	1
		head	salivation	Grade: slight								
	735	normal	NAD		1	1	1	1	1	1	1	1
	736	normal	NAD		1	1	1	1	1	1	1	1
	737	normal	NAD		1	1	1	1	1	1	1	1
	738	normal	NAD		1	1	1	1	1	1	1	1
	739	normal	NAD		1	1	1	1	1	1	1	1
	740	normal	NAD		1	1	1	1	1	1	1	1

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Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day											
					9	9	9	9	10	10	10	10	10	11	11	11
Test Group 13/F 180 mg/kg bw/d	731	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	732	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	733	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	734	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight												
	735	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	736	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	737	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	738	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	739	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	740	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1

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Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day											
					12	12	12	13	13	13	13	13	13	14	14	14
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]
Test Group 13/F 180 mg/kg bw/d	731	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	732	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	733	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	734	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight												
	735	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	736	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	737	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	738	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	739	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	740	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1

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Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day											
					15		15		16		16		16		17	
					[-03:00 - 00:00]		[00:00 - 02:00]		[-03:00 - 00:00]		[00:00 - 02:00]		[02:00 - 05:00]		[-03:00 - 00:00]	
Test Group 13/F 180 mg/kg bw/d	731	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	732	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	733	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	734	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight												
	735	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	736	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	737	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	738	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	739	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	740	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1

IIA- 1872
03-Dec-2018 12:31
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day											
					18			18			19			19		
					[-03:00 - 00:00]			[00:00 - 02:00]			[02:00 - 05:00]			[05:00 - 08:00]		
Test Group 13/F 180 mg/kg bw/d	731	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	732	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	733	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	734	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight												
	735	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	736	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	737	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	738	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	739	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	740	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1

IIA- 1873
03-Dec-2018 12:32
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					21	21	21	22	22	22	23	23	23	23
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[02:00-05:00]
Test Group 13/F 180 mg/kg bw/d	731	normal	NAD		1	1	1	1	1	1	1	1	1	1
	732	normal	NAD		1	1	1	1	1	1	1	1	1	1
	733	normal	NAD		1	1	1	1	1	1	1	1	1	1
	734	normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight										
	735	normal	NAD		1	1	1	1	1	1	1	1	1	1
	736	normal	NAD		1	1	1	1	1	1	1	1	1	1
	737	normal	NAD		1	1	1	1	1	1	1	1	1	1
	738	normal	NAD		1	1	1	1	1	1	1	1	1	1
	739	normal	NAD		1	1	1	1	1	1	1	1	1	1
	740	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1874

03-Dec-2018 12:32

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day											
					24	24	24	25	25	25	25	25	26	26	26	26
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[02:00-05:00]
Test Group 13/F 180 mg/kg bw/d	731	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	732	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	733	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	734	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight												
	735	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	736	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	737	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	738	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	739	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	740	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1

IIA- 1875

03-Dec-2018 12:32

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day											
					27			27			28			28		
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]
Test Group 13/F 180 mg/kg bw/d	731	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	732	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	733	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	734	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight												
	735	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	736	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	737	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	738	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	739	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	740	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1

IIA- 1876
03-Dec-2018 12:32
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day											
					30	30	30	30	31	31	31	31	31	31	32	32
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]
Test Group 13/F 180 mg/kg bw/d	731	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	732	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	733	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	734	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight	1											
	735	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	736	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	737	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	738	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	739	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	740	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1

IIA- 1877
03-Dec-2018 12:32
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					33	33	33	33	34	34	34	34	35	35
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[-03:00-00:00]	[02:00-05:00]
Test Group 13/F 180 mg/kg bw/d	731	normal	NAD		1	1	1	1	1	1	1	1	1	1
	732	normal	NAD		1	1	1	1	1	1	1	1	1	1
	733	normal	NAD		1	1	1	1	1	1	1	1	1	1
	734	normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight					1					
	735	normal	NAD		1	1	1	1	1	1	1	1	1	1
	736	normal	NAD		1	1	1	1	1	1	1	1	1	1
	737	normal	NAD		1	1	1	1	1	1	1	1	1	1
	738	normal	NAD		1	1	1	1	1	1	1	1	1	1
	739	normal	NAD		1	1	1	1	1	1	1	1	1	1
	740	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1878
03-Dec-2018 12:32
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					36	36	36	37	37	37	38	38
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]
Test Group 13/F 180 mg/kg bw/d	731	normal	NAD		1	1	1	1	1	1	1	1
	732	normal	NAD		1	1	1	1	1	1	1	1
	733	normal	NAD		1	1	1	1	1	1	1	1
	734	normal	NAD		1	1	1	1	1	1	1	1
		head	salivation	Grade: slight							1	
	735	normal	NAD		1	1	1	1	1	1	1	1
	736	normal	NAD		1	1	1	1	1	1	1	1
	737	normal	NAD		1	1	1	1	1	1	1	1
	738	normal	NAD		1	1	1	1	1	1	1	1
	739	normal	NAD		1	1	1	1	1	1	1	1
	740	normal	NAD		1	1	1	1	1	1	1	1

IIA- 1879

03-Dec-2018 12:32

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					39	39	39	40	40	40	40	41	41	41
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[00:00-02:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]
Test Group 13/F 180 mg/kg bw/d	731	normal	NAD		1	1	1	1	1	1	1	1	1	1
	732	normal	NAD		1	1	1	1	1	1	1	1	1	1
	733	normal	NAD		1	1	1	1	1	1	1	1	1	1
	734	normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight					1				1	
	735	normal	NAD		1	1	1	1	1	1	1	1	1	1
	736	normal	NAD		1	1	1	1	1	1	1	1	1	1
	737	normal	NAD		1	1	1	1	1	1	1	1	1	1
	738	normal	NAD		1	1	1	1	1	1	1	1	1	1
	739	normal	NAD		1	1	1	1	1	1	1	1	1	1
	740	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1880
03-Dec-2018 12:32
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					42	42	42	43	43	43	43	44	44	44
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]
Test Group 13/F 180 mg/kg bw/d	731	normal	NAD		1	1	1	1	1	1	1	1	1	1
	732	normal	NAD		1	1	1	1	1	1	1	1	1	1
	733	normal	NAD		1	1	1	1	1	1	1	1	1	1
	734	normal	NAD		1	1	1	1	1	1	1	1	1	1
		head	salivation	Grade: slight					1					
	735	normal	NAD		1	1	1	1	1	1	1	1	1	1
	736	normal	NAD		1	1	1	1	1	1	1	1	1	1
	737	normal	NAD		1	1	1	1	1	1	1	1	1	1
	738	normal	NAD		1	1	1	1	1	1	1	1	1	1
	739	normal	NAD		1	1	1	1	1	1	1	1	1	1
	740	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1881
03-Dec-2018 12:32
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					45	45	45	46	46	46	46	47	47	47
					[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]
Test Group 13/F 180 mg/kg bw/d	731	normal	NAD		1	1	1	1	1	1	1			
	732	normal	NAD		1	1	1	1	1	1	1			
	733	normal	NAD		1	1	1	1	1	1	1			
	734	normal	NAD		1	1	1	1	1	1	1	1		1
		head	salivation	Grade: slight										1
	735	normal	NAD		1	1	1	1	1	1	1	1	1	1
	736	normal	NAD		1	1	1	1	1	1	1	1	1	1
	737	normal	NAD		1	1	1	1	1	1	1	1	1	1
	738	normal	NAD		1	1	1	1	1	1	1	1	1	1
	739	normal	NAD		1	1	1	1	1	1	1	1	1	1
	740	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 1882
03-Dec-2018 12:32
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day					
					48 [-03:00-00:00]	48 [00:00-02:00]	48 [02:00-05:00]	49 [-03:00-00:00]	49 [00:00-02:00]	49 [02:00-05:00]
Test Group 13/F 180 mg/kg bw/d	731	normal	NAD		NS	NS	NS	NS	NS	NS
	732	normal	NAD		NS	NS	NS	NS	NS	NS
	733	normal	NAD		NS	NS	NS	NS	NS	NS
	734	normal	NAD					NS	NS	NS
		head	salivation	Grade: slight				NS	NS	NS
	735	normal	NAD					NS	NS	NS
	736	normal	NAD					NS	NS	NS
	737	normal	NAD		1	1	1			
	738	normal	NAD		1	1	1			
	739	normal	NAD		1	1	1			
740	normal	NAD		1	1	1	1	1	1	

NS = No More Scheduled

IIA- 1883
03-Dec-2018 12:55
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Water Consumption Per Animal And Day [g/Day]

Sex: **Male** - Phase: **In-life**

Group	Cage	Animals	d 0 -> 4	d 7 -> 11	d 14 -> 18	d 21 -> 25	d 28 -> 32	d 35 -> 39	d 42 -> 46
Test Group 10/M 0 mg/kg bw/d	CNo-601	601, 602	21.6	29.4	31.0	34.2	33.6	34.3	33.0
	CNo-602	603, 604	21.3	28.0	29.4	33.0	35.9	37.1	34.8
	CNo-603	605, 606	21.9	28.0	30.4	31.8	36.6	40.2	38.2
	CNo-604	607, 608	19.6	25.2	27.9	29.6	30.2	31.5	29.6
	CNo-605	609, 610	20.3	28.0	32.4	39.2	44.5	47.6	45.8

d = day

IIA- 1884
03-Dec-2018 12:55
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Water Consumption Per Animal And Day [g/Day]

Sex: **Male** - Phase: **In-life**

Group	Cage	Animals	d 0 -> 4	d 7 -> 11	d 14 -> 18	d 21 -> 25	d 28 -> 32	d 35 -> 39	d 42 -> 46
Test Group 11/M 20 mg/kg bw/d	CNo-606	611, 612	23.1	28.1	29.9	34.2	35.4	35.7	33.6
	CNo-607	613, 614	21.2	27.7	31.7	35.9	40.1	39.6	36.2
	CNo-608	615, 616	19.2	25.9	27.4	29.6	33.9	37.1	35.0
	CNo-609	617, 618	20.8	28.8	32.2	34.3	36.7	38.4	36.5
	CNo-610	619, 620	20.7	27.0	29.1	33.0	35.6	39.6	39.6

d = day

IIA- 1885
03-Dec-2018 12:55
Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Water Consumption Per Animal And Day [g/Day]

Sex: Male - Phase: In-life

Group	Cage	Animals	d 0 -> 4	d 7 -> 11	d 14 -> 18	d 21 -> 25	d 28 -> 32	d 35 -> 39	d 42 -> 46
Test Group 12/M 60 mg/kg bw/d	CNo-611	621, 622	26.4	31.2	34.9	36.8	39.4	37.4	34.6
	CNo-612	623, 624	26.0	29.2	32.5	36.4	41.1	41.9	43.6
	CNo-613	625, 626	22.0	26.8	27.6	29.7	32.9	35.5	33.7
	CNo-614	627, 628	21.0	28.0	33.3	31.9	37.0	41.4	39.1
	CNo-615	629, 630	21.0	26.2	31.8	33.4	37.0	38.8	35.9

d = day

IIA- 1886
03-Dec-2018 12:55
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Water Consumption Per Animal And Day [g/Day]

Sex: **Male** - Phase: **In-life**

Group	Cage	Animals	d 0 -> 4	d 7 -> 11	d 14 -> 18	d 21 -> 25	d 28 -> 32	d 35 -> 39	d 42 -> 46
Test Group 13/M 180 mg/kg bw/d	CNo-616	631, 632	22.3	29.1	31.2	33.7	39.3	38.9	39.1
	CNo-617	633, 634	24.2	32.7	36.8	39.8	42.1	44.6	40.8
	CNo-618	635, 636	20.2	28.2	32.5	33.3	35.7	36.9	34.4
	CNo-619	637, 638	24.2	32.0	36.8	41.3	38.7	39.6	38.4
	CNo-620	639, 640	18.6	23.8	29.2	32.6	39.0	42.6	39.2

d = day

IIA- 1887
03-Dec-2018 13:02
Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Water Consumption Per Animal And Day [g/Day]

Sex: Female - Phase: In-life

Group	Cage	Animals	d 0 -> 4	d 7 -> 11	d 14 -> 18	d 21 -> 25	d 28 -> 32	d 35 -> 39	d 42 -> 46
Test Group 10/F 0 mg/kg bw/d	CNo-701	701, 702	20.9	26.6	27.6	28.6	31.1	34.4	34.5
	CNo-702	703, 704	17.6	20.4	18.6	18.0	21.8	22.1	21.7
	CNo-703	705, 706	17.8	20.7	22.3	21.8	25.2	27.5	28.0
	CNo-704	707, 708	17.8	20.5	20.0	21.1	22.8	24.8	23.6
	CNo-705	709, 710	18.4	20.3	20.8	23.2	25.8	28.6	31.3

d = day

IIA- 1888
03-Dec-2018 13:02
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Water Consumption Per Animal And Day [g/Day]

Sex: Female - Phase: In-life

Group	Cage	Animals	d 0 -> 4	d 7 -> 11	d 14 -> 18	d 21 -> 25	d 28 -> 32	d 35 -> 39	d 42 -> 46
Test Group 11/F 20 mg/kg bw/d	CNo-706	711, 712	16.9	19.8	19.2	17.9	22.1	23.2	23.4
	CNo-707	713, 714	17.5	20.5	20.7	19.5	22.6	22.9	24.4
	CNo-708	715, 716	18.3	22.9	24.8	26.1	30.0	33.4	32.2
	CNo-709	717, 718	20.0	23.4	22.1	22.0	26.9	26.8	24.0
	CNo-710	719, 720	15.8	18.7	19.7	20.5	25.1	26.2	24.6

d = day

IIA- 1889
03-Dec-2018 13:02
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Water Consumption Per Animal And Day [g/Day]

Sex: Female - Phase: In-life

Group	Cage	Animals	d 0 -> 4	d 7 -> 11	d 14 -> 18	d 21 -> 25	d 28 -> 32	d 35 -> 39	d 42 -> 46
Test Group 12/F 60 mg/kg bw/d	CNo-711	721, 722	18.7	21.4	20.0	19.5	23.2	23.6	24.0
	CNo-712	723, 724	22.4	24.2	24.4	23.2	27.9	28.1	30.8
	CNo-713	725, 726	19.1	20.2	20.4	22.0	22.7	23.8	24.2
	CNo-714	727, 728	18.8	21.6	21.8	21.6	23.5	26.6	25.7
	CNo-715	729, 730	19.8	26.0	24.5	26.9	31.0	34.1	31.8

d = day

IIA- 1890
03-Dec-2018 13:02
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Water Consumption Per Animal And Day [g/Day]

Sex: Female - Phase: In-life

Group	Cage	Animals	d 0 -> 4	d 7 -> 11	d 14 -> 18	d 21 -> 25	d 28 -> 32	d 35 -> 39	d 42 -> 46
Test Group 13/F 180 mg/kg bw/d	CNo-716	731, 732	24.0	27.8	25.1	27.2	31.5	31.3	30.0
	CNo-717	733, 734	23.6	25.7	24.7	25.9	29.3	28.3	26.9
	CNo-718	735, 736	19.9	20.5	19.8	20.7	27.6	27.8	26.2
	CNo-719	737, 738	17.5	23.4	23.2	23.4	28.3	30.8	29.7
	CNo-720	739, 740	16.7	19.0	22.5	20.4	24.5	26.2	25.0

d = day

IIA- 1891
03-Dec-2018 13:40
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Food Consumption Per Animal And Day [g/Day]

Sex: **Male** - Phase: **In-life**

Group	Cage	Animals	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28	d 28 -> 35	d 35 -> 42
Test Group 10/M 0 mg/kg bw/d	CNo-601	601, 602	18.2	23.9	25.7	28.9	28.8	26.3
	CNo-602	603, 604	17.7	24.4	26.2	33.5	31.8	29.6
	CNo-603	605, 606	17.9	23.6	26.8	30.6	30.6	29.3
	CNo-604	607, 608	16.8	23.2	26.4	31.4	29.9	28.0
	CNo-605	609, 610	16.9	22.6	28.2	31.5	33.6	31.0

d = day

IIA- 1892
03-Dec-2018 13:40
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Food Consumption Per Animal And Day [g/Day]

Sex: Male - Phase: In-life

Group	Cage	Animals	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28	d 28 -> 35	d 35 -> 42
Test Group 11/M 20 mg/kg bw/d	CNo-606	611, 612	18.2	22.8	26.1	29.2	29.2	28.7
	CNo-607	613, 614	15.5	21.2	23.8	27.8	28.6	27.5
	CNo-608	615, 616	15.3	21.2	22.2	26.0	28.6	28.2
	CNo-609	617, 618	18.4	24.5	27.4	32.0	34.2	35.8
	CNo-610	619, 620	16.7	22.4	25.0	27.5	28.5	27.4

d = day

IIA- 1893
03-Dec-2018 13:40
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Food Consumption Per Animal And Day [g/Day]

Sex: Male - Phase: In-life

Group	Cage	Animals	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28	d 28 -> 35	d 35 -> 42
Test Group 12/M 60 mg/kg bw/d	CNo-611	621, 622	17.8	24.8	26.3	30.0	30.4	27.8
	CNo-612	623, 624	18.7	23.7	26.9	28.8	30.4	29.5
	CNo-613	625, 626	17.9	23.2	26.1	29.6	29.0	28.3
	CNo-614	627, 628	15.6	23.5	27.0	30.2	31.5	29.0
	CNo-615	629, 630	17.1	22.9	27.7	31.2	32.4	29.6

d = day

IIA- 1894
03-Dec-2018 13:40
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Food Consumption Per Animal And Day [g/Day]

Sex: **Male** - Phase: **In-life**

Group	Cage	Animals	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28	d 28 -> 35	d 35 -> 42
Test Group 13/M 180 mg/kg bw/d	CNo-616	631, 632	16.6	22.7	25.2	29.4	29.5	28.6
	CNo-617	633, 634	18.0	24.4	26.9	30.6	33.2	31.3
	CNo-618	635, 636	17.0	24.8	28.0	32.8	32.7	32.1
	CNo-619	637, 638	19.3	27.2	30.6	34.4	32.4	29.2
	CNo-620	639, 640	16.2	21.3	26.2	30.3	32.3	34.7

d = day

IIA- 1895
03-Dec-2018 13:42
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Food Consumption Per Animal And Day [g/Day]

Sex: Female - Phase: In-life

Group	Cage	Animals	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28	d 28 -> 35	d 35 -> 42
Test Group 10/F 0 mg/kg bw/d	CNo-701	701, 702	13.2	17.8	16.7	18.5	18.9	20.9
	CNo-702	703, 704	14.3	16.4	16.7	17.8	19.7	19.8
	CNo-703	705, 706	12.5	15.0	15.9	18.6	19.0	18.6
	CNo-704	707, 708	14.2	16.2	16.8	19.6	21.4	19.8
	CNo-705	709, 710	15.4	17.0	18.2	18.3	20.1	19.3

d = day

IIA- 1896
03-Dec-2018 13:42
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Food Consumption Per Animal And Day [g/Day]

Sex: Female - Phase: In-life

Group	Cage	Animals	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28	d 28 -> 35	d 35 -> 42
Test Group 11/F 20 mg/kg bw/d	CNo-706	711, 712	13.4	16.0	16.3	17.7	18.3	18.3
	CNo-707	713, 714	14.3	16.0	17.0	17.5	18.0	18.3
	CNo-708	715, 716	14.5	17.0	18.3	19.9	22.6	22.5
	CNo-709	717, 718	12.6	15.1	15.7	16.0	17.9	19.0
	CNo-710	719, 720	13.3	15.3	16.7	20.8	20.4	19.9

d = day

IIA- 1897
03-Dec-2018 13:42
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Food Consumption Per Animal And Day [g/Day]

Sex: Female - Phase: In-life

Group	Cage	Animals	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28	d 28 -> 35	d 35 -> 42
Test Group 12/F 60 mg/kg bw/d	CNo-711	721, 722	14.7	16.4	16.0	19.7	19.3	18.5
	CNo-712	723, 724	15.6	17.4	16.6	17.9	19.4	18.3
	CNo-713	725, 726	14.7	16.4	16.1	17.2	19.5	18.5
	CNo-714	727, 728	14.7	17.8	17.6	18.5	19.1	19.1
	CNo-715	729, 730	14.1	18.2	19.8	22.4	25.7	25.4

d = day

IIA- 1898
03-Dec-2018 13:42
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Food Consumption Per Animal And Day [g/Day]

Sex: Female - Phase: In-life

Group	Cage	Animals	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28	d 28 -> 35	d 35 -> 42
Test Group 13/F 180 mg/kg bw/d	CNo-716	731, 732	17.6	20.6	21.1	23.1	23.6	24.4
	CNo-717	733, 734	15.6	27.3	19.3	18.7	20.8	19.9
	CNo-718	735, 736	14.5	15.9	16.9	19.4	20.7	20.6
	CNo-719	737, 738	13.0	16.0	16.7	19.2	20.2	21.5
	CNo-720	739, 740	14.4	17.0	16.9	17.6	18.3	19.5

d = day

IIA- 1899

03-Dec-2018 20:27

Ascentos™ 1.3

Study 90R0066/05R034_2A

Individual Body Weights - BW / Body Weights [g]

Sex: Male - Phase: In-life

Dose Group	Animal Number	day 0	day 7	day 14	day 21	day 28	day 35	day 42	day 49
	601	117.4	184.8	254.6	312.4	355.0	377.0	400.5	NS
	602	102.1	154.9	208.2	263.3	312.8	343.8	371.9	NS
	603	113.3	172.4	235.8	303.9	356.1	376.8	400.0	NS
	604	98.5	152.2	214.3	279.3	327.7	369.1	394.5	NS
Test Group 10/M 0 mg/kg bw/d	605	102.3	161.3	228.5	292.3	338.3	371.3	399.5	NS
	606	107.3	165.6	225.6	289.4	347.9	391.7	428.9	NS
	607	90.7	141.7	196.6	261.3	313.9	330.0	346.9	
	608	106.6	168.2	239.1	315.7	375.1	424.3	466.6	
	609	101.5	165.8	237.4	309.8	372.2	414.6	444.4	
	610	85.7	129.3	192.2	252.3	307.3	344.2	371.8	397.1

NS = No More Scheduled

IIA- 1900
03-Dec-2018 20:27
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Body Weights - BW / Body Weights [g]

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	day 0	day 7	day 14	day 21	day 28	day 35	day 42	day 49
	611	109.5	167.9	226.9	294.4	340.5	381.0	413.6	NS
	612	109.6	168.2	228.2	289.9	336.3	364.2	382.9	NS
	613	110.6	162.3	222.8	280.5	335.2	363.0	388.0	NS
	614	101.6	153.3	211.4	275.3	330.0	362.3	390.2	NS
Test Group 11/M	615	88.9	136.8	191.7	244.6	297.0	342.1	366.5	NS
	616	94.8	151.5	211.3	271.6	320.0	354.6	382.7	NS
	617	114.2	174.0	238.1	304.1	363.4	408.4	452.1	NS
	618	100.7	160.2	236.3	305.6	360.1	400.7	435.1	
20 mg/kg bw/d	619	91.3	146.9	211.4	262.6	313.8	347.6	376.9	
	620	98.1	159.2	223.2	287.9	339.9	376.9	408.4	

NS = No More Scheduled

IIA- 1901
03-Dec-2018 20:27
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Body Weights - BW / Body Weights [g]

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	day 0	day 7	day 14	day 21	day 28	day 35	day 42	day 49
	621	109.0	169.8	239.2	302.8	356.4	392.8	416.8	NS
	622	106.8	172.2	236.9	300.1	345.2	365.9	393.2	NS
	623	114.3	181.8	250.5	319.4	379.7	420.8	449.2	NS
	624	108.8	172.8	232.6	296.8	340.4	385.6	408.7	NS
	625	107.1	161.6	223.7	282.4	337.6	349.7	374.7	NS
Test Group 12/M 60 mg/kg bw/d	626	111.6	176.6	247.5	316.0	365.1	400.3	435.3	NS
	627	93.9	148.9	217.4	292.1	356.6	406.5	433.8	
	628	100.3	157.6	227.6	292.0	348.4	385.2	408.6	
	629	95.4	157.8	223.3	289.2	342.7	374.0	396.3	
	630	94.3	149.7	209.6	283.4	339.1	379.9	416.4	445.7

NS = No More Scheduled

IIA- 1902
03-Dec-2018 20:27
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Body Weights - BW / Body Weights [g]

Sex: Male - Phase: In-life

Dose Group	Animal Number	day 0	day 7	day 14	day 21	day 28	day 35	day 42	day 49
	631	104.5	160.3	226.0	282.7	328.1	354.1	384.1	NS
	632	104.3	160.8	221.7	284.7	340.7	374.6	400.8	NS
	633	99.4	157.1	217.3	280.1	342.4	381.9	409.5	NS
	634	113.0	171.0	234.8	307.1	365.3	409.0	431.7	NS
Test Group 13/M 180 mg/kg bw/d	635	102.8	158.8	220.1	284.4	336.9	374.0	401.7	NS
	636	97.2	161.9	244.3	323.2	371.1	411.2	430.3	
	637	101.4	173.9	243.0	320.2	379.9	407.5	430.5	
	638	103.2	167.2	244.8	310.6	367.2	393.3	401.2	
	639	94.1	149.3	209.7	274.3	329.2	362.5	390.1	425.2
	640	90.2	143.3	203.5	273.3	325.6	373.4	401.6	431.3

NS = No More Scheduled

IIA- 1903
03-Dec-2018 20:29
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Body Weights - BW / Body Weights [g]

Sex: Female - Phase: In-life

Dose Group	Animal Number	day 0	day 7	day 14	day 21	day 28	day 35	day 42	day 49
Test Group 10/F 0 mg/kg bw/d	701	91.4	137.1	171.7	198.0	223.4	237.9	249.9	NS
	702	79.6	115.8	145.2	167.7	177.2	198.3	215.2	NS
	703	92.0	129.2	158.7	180.3	199.1	213.8	216.7	NS
	704	106.5	151.4	179.5	214.6	237.6	256.5	253.9	NS
	705	88.4	125.9	159.9	179.9	203.9	227.1	242.2	NS
	706	82.3	120.2	144.6	171.1	196.0	212.9	221.6	NS
	707	87.3	122.5	156.6	186.7	200.3	221.9	228.1	NS
	708	89.7	130.3	167.6	183.7	214.8	230.5	242.8	
	709	82.6	118.6	144.2	173.2	192.2	210.0	234.2	
	710	89.9	141.4	187.0	217.7	238.8	259.0	253.3	289.8

NS = No More Scheduled

IIA- 1904
03-Dec-2018 20:29
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Body Weights - BW / Body Weights [g]

Sex: Female - Phase: In-life

Dose Group	Animal Number	day 0	day 7	day 14	day 21	day 28	day 35	day 42	day 49
Test Group 11/F 20 mg/kg bw/d	711	85.5	122.4	151.3	167.3	180.8	185.3	200.1	NS
	712	94.6	139.4	181.9	210.2	239.0	260.6	272.3	NS
	713	96.7	137.3	162.9	191.3	215.1	236.0	245.7	NS
	714	84.5	128.0	165.6	187.0	201.4	218.8	227.6	NS
	715	93.0	136.3	173.5	204.6	226.9	235.8	261.4	NS
	716	87.1	121.2	162.9	186.8	212.9	243.8	253.7	NS
	717	82.1	119.2	151.2	173.3	190.5	197.5	211.8	
	718	83.8	124.0	154.4	182.3	199.3	212.1	221.0	
	719	86.1	122.2	158.3	184.3	209.5	223.6	241.6	
	720	79.9	118.4	147.2	166.1	189.6	208.1	216.7	222.8

NS = No More Scheduled

IIA- 1905
03-Dec-2018 20:29
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Body Weights - BW / Body Weights [g]

Sex: Female - Phase: In-life

Dose Group	Animal Number	day 0	day 7	day 14	day 21	day 28	day 35	day 42	day 49
Test Group 12/F 60 mg/kg bw/d	721	102.8	147.8	176.9	201.7	212.4	225.2	229.5	NS
	722	91.0	136.3	176.5	200.1	215.5	233.3	249.6	NS
	723	97.5	139.0	173.5	192.9	213.0	225.2	241.1	NS
	724	97.3	143.3	181.4	193.7	212.8	236.3	236.1	NS
	725	94.5	134.7	168.5	193.4	204.2	225.4	240.3	NS
	726	93.9	133.6	159.0	165.5	190.8	203.8	219.7	
	727	86.3	128.9	161.2	188.3	212.2	228.3	228.8	
	728	103.1	149.9	188.0	206.8	217.9	245.2	257.7	
	729	81.1	133.6	172.6	206.6	224.5	240.8	243.1	264.5
	730	86.2	125.9	157.0	187.4	207.7	227.3	231.8	252.9

NS = No More Scheduled

IIA- 1906
03-Dec-2018 20:29
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Body Weights - BW / Body Weights [g]

Sex: Female - Phase: In-life

Dose Group	Animal Number	day 0	day 7	day 14	day 21	day 28	day 35	day 42	day 49
Test Group 13/F 180 mg/kg bw/d	731	107.1	148.6	184.4	212.6	230.3	245.5	266.9	NS
	732	131.2	184.5	228.2	260.1	289.8	297.6	321.5	NS
	733	97.2	140.0	160.9	196.8	216.7	236.1	237.4	NS
	734	89.6	125.2	158.6	175.8	201.8	218.0	232.1	NS
	735	88.8	135.0	171.2	199.0	225.6	234.6	254.3	NS
	736	100.0	142.2	176.5	200.9	222.9	245.4	250.6	NS
	737	90.8	139.1	162.5	198.7	222.9	240.5	267.2	
	738	77.9	115.0	147.5	166.7	193.8	211.1	222.9	
	739	85.7	133.1	166.6	195.6	201.1	225.7	241.0	
	740	84.7	126.8	159.7	184.4	201.0	212.3	236.2	253.2

NS = No More Scheduled

IIA- 1907
03-Dec-2018 20:32
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Changes Body Weights - BW / Body Weights [g]

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28	d 28 -> 35	d 35 -> 42	d 42 -> 49
Test Group 10/M 0 mg/kg bw/d	601	67.4	69.8	57.8	42.6	22.0	23.5	NS
	602	52.8	53.3	55.1	49.5	31.0	28.1	NS
	603	59.1	63.4	68.1	52.2	20.7	23.2	NS
	604	53.7	62.1	65.0	48.4	41.4	25.4	NS
	605	59.0	67.2	63.8	46.0	33.0	28.2	NS
	606	58.3	60.0	63.8	58.5	43.8	37.2	NS
	607	51.0	54.9	64.7	52.6	16.1	16.9	
	608	61.6	70.9	76.6	59.4	49.2	42.3	
	609	64.3	71.6	72.4	62.4	42.4	29.8	
	610	43.6	62.9	60.1	55.0	36.9	27.6	25.3

d = day; NS = No More Scheduled

IIA- 1908
03-Dec-2018 20:32
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Changes Body Weights - BW / Body Weights [g]

Sex: Male - Phase: In-life

Dose Group	Animal Number	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28	d 28 -> 35	d 35 -> 42	d 42 -> 49
Test Group 11/M 20 mg/kg bw/d	611	58.4	59.0	67.5	46.1	40.5	32.6	NS
	612	58.6	60.0	61.7	46.4	27.9	18.7	NS
	613	51.7	60.5	57.7	54.7	27.8	25.0	NS
	614	51.7	58.1	63.9	54.7	32.3	27.9	NS
	615	47.9	54.9	52.9	52.4	45.1	24.4	NS
	616	56.7	59.8	60.3	48.4	34.6	28.1	NS
	617	59.8	64.1	66.0	59.3	45.0	43.7	NS
	618	59.5	76.1	69.3	54.5	40.6	34.4	
	619	55.6	64.5	61.2	51.2	33.8	29.3	
	620	61.1	64.0	64.7	52.0	37.0	31.5	

d = day; NS = No More Scheduled

IIA- 1909
03-Dec-2018 20:32
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Changes Body Weights - BW / Body Weights [g]

Sex: Male - Phase: In-life

Dose Group	Animal Number	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28	d 28 -> 35	d 35 -> 42	d 42 -> 49
Test Group 12/M 60 mg/kg bw/d	621	60.8	69.4	63.6	53.6	36.4	24.0	NS
	622	65.4	64.7	63.2	45.1	20.7	27.3	NS
	623	67.5	68.7	68.9	60.3	41.1	28.4	NS
	624	64.0	59.8	64.2	43.6	45.2	23.1	NS
	625	54.5	62.1	58.7	55.2	12.1	25.0	NS
	626	65.0	70.9	68.5	49.1	35.2	35.0	NS
	627	55.0	68.5	74.7	64.5	49.9	27.3	
	628	57.3	70.0	64.4	56.4	36.8	23.4	
	629	62.4	65.5	65.9	53.5	31.3	22.3	
	630	55.4	59.9	73.8	55.7	40.8	36.5	29.3

d = day; NS = No More Scheduled

IIA- 1910
03-Dec-2018 20:32
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Changes Body Weights - BW / Body Weights [g]

Sex: Male - Phase: In-life

Dose Group	Animal Number	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28	d 28 -> 35	d 35 -> 42	d 42 -> 49
Test Group 13/M 180 mg/kg bw/d	631	55.8	65.7	56.7	45.4	26.0	30.0	NS
	632	56.5	60.9	63.0	56.0	33.9	26.2	NS
	633	57.7	60.2	62.8	62.3	39.5	27.6	NS
	634	58.0	63.8	72.3	58.2	43.7	22.7	NS
	635	56.0	61.3	64.3	52.5	37.1	27.7	NS
	636	64.7	82.4	78.9	47.9	40.1	19.1	
	637	72.5	69.1	77.2	59.7	27.6	23.0	
	638	64.0	77.6	65.8	56.6	26.1	7.9	
	639	55.2	60.4	64.6	54.9	33.3	27.6	35.1
	640	53.1	60.2	60.8	52.3	47.8	28.2	29.7

d = day; NS = No More Scheduled

IIA- 1911
03-Dec-2018 20:33
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Changes Body Weights - BW / Body Weights [g]

Sex: Female - Phase: In-life

Dose Group	Animal Number	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28	d 28 -> 35	d 35 -> 42	d 42 -> 49
Test Group 10/F 0 mg/kg bw/d	701	45.7	34.6	26.3	25.4	14.5	12.0	NS
	702	36.2	29.4	22.5	9.5	21.1	16.9	NS
	703	37.2	29.5	21.6	18.8	14.7	2.9	NS
	704	44.9	28.1	36.1	23.0	18.9	-2.6	NS
	705	37.5	34.0	20.0	24.0	23.2	15.1	NS
	706	37.9	24.4	26.5	24.9	16.9	8.7	NS
	707	35.2	34.1	30.1	13.6	21.6	6.2	NS
	708	40.6	37.3	16.1	31.1	15.7	12.3	
	709	36.0	25.6	29.0	19.0	17.8	24.2	
	710	51.5	45.6	30.7	21.1	20.2	-5.7	36.5

d = day; NS = No More Scheduled

IIA- 1912
03-Dec-2018 20:33
Ascentos™ 1.3

Study

90R0066/05R034_2A

Individual Changes Body Weights - BW / Body Weights [g]

Sex: Female - Phase: In-life

Dose Group	Animal Number	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28	d 28 -> 35	d 35 -> 42	d 42 -> 49
Test Group 11/F 20 mg/kg bw/d	711	36.9	28.9	16.0	13.5	4.5	14.8	NS
	712	44.8	42.5	28.3	28.8	21.6	11.7	NS
	713	40.6	25.6	28.4	23.8	20.9	9.7	NS
	714	43.5	37.6	21.4	14.4	17.4	8.8	NS
	715	43.3	37.2	31.1	22.3	8.9	25.6	NS
	716	34.1	41.7	23.9	26.1	30.9	9.9	NS
	717	37.1	32.0	22.1	17.2	7.0	14.3	
	718	40.2	30.4	27.9	17.0	12.8	8.9	
	719	36.1	36.1	26.0	25.2	14.1	18.0	
	720	38.5	28.8	18.9	23.5	18.5	8.6	6.1

d = day; NS = No More Scheduled

IIA- 1913
03-Dec-2018 20:33
Ascentos™ 1.3

Individual Changes Body Weights - BW / Body Weights [g]

Sex: Female - Phase: In-life

Dose Group	Animal Number	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28	d 28 -> 35	d 35 -> 42	d 42 -> 49
Test Group 12/F 60 mg/kg bw/d	721	45.0	29.1	24.8	10.7	12.8	4.3	NS
	722	45.3	40.2	23.6	15.4	17.8	16.3	NS
	723	41.5	34.5	19.4	20.1	12.2	15.9	NS
	724	46.0	38.1	12.3	19.1	23.5	-0.2	NS
	725	40.2	33.8	24.9	10.8	21.2	14.9	NS
	726	39.7	25.4	6.5	25.3	13.0	15.9	
	727	42.6	32.3	27.1	23.9	16.1	0.5	
	728	46.8	38.1	18.8	11.1	27.3	12.5	
	729	52.5	39.0	34.0	17.9	16.3	2.3	21.4
	730	39.7	31.1	30.4	20.3	19.6	4.5	21.1

d = day; NS = No More Scheduled

IIA- 1914
03-Dec-2018 20:33
Ascentos™ 1.3

Individual Changes Body Weights - BW / Body Weights [g]

Sex: Female - Phase: In-life

Dose Group	Animal Number	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28	d 28 -> 35	d 35 -> 42	d 42 -> 49
Test Group 13/F 180 mg/kg bw/d	731	41.5	35.8	28.2	17.7	15.2	21.4	NS
	732	53.3	43.7	31.9	29.7	7.8	23.9	NS
	733	42.8	20.9	35.9	19.9	19.4	1.3	NS
	734	35.6	33.4	17.2	26.0	16.2	14.1	NS
	735	46.2	36.2	27.8	26.6	9.0	19.7	NS
	736	42.2	34.3	24.4	22.0	22.5	5.2	NS
	737	48.3	23.4	36.2	24.2	17.6	26.7	
	738	37.1	32.5	19.2	27.1	17.3	11.8	
	739	47.4	33.5	29.0	5.5	24.6	15.3	
	740	42.1	32.9	24.7	16.6	11.3	23.9	17.0

d = day; NS = No More Scheduled

3-DEC-18
05R034D2
TABLE : IIA-
1915

PROJ. NO. 90R0066/05R034: MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) - DCO (COHORT 2A)
INDIVIDUAL MALE CLINICAL OBSERVATIONS
TEST GROUP 10 (0 MG/KG BW/D)

ANIMAL#	OBSERVATIONS	WEEK OF STUDY					
		0	1	2	3	4	5
601	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
602	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
603	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
604	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
605	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
606	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
607	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
608	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
609	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
610	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

3-DEC-18
05R034D2
TABLE : IIA-
1916

PROJ. NO. 90R0066/05R034: MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) - DCO (COHORT 2A)
INDIVIDUAL MALE CLINICAL OBSERVATIONS
TEST GROUP 11 (20 MG/KG BW/D)

ANIMAL#	OBSERVATIONS	WEEK OF STUDY					
		0	1	2	3	4	5
611	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
612	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
613	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
614	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
615	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
616	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
617	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
618	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
619	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
620	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

3-DEC-18
05R034D2
TABLE : IIA-
1917

PROJ. NO. 90R0066/05R034: MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) - DCO (COHORT 2A)
INDIVIDUAL MALE CLINICAL OBSERVATIONS
TEST GROUP 12 (60 MG/KG BW/D)

ANIMAL#	OBSERVATIONS	WEEK OF STUDY	0	1	2	3	4	5	6
621	NOTHING ABNORMAL DETECTED		P	P	P	P	P	P	P
622	NOTHING ABNORMAL DETECTED		P	P	P	P	P	P	P
623	NOTHING ABNORMAL DETECTED		P	P	P	P	P	P	P
624	NOTHING ABNORMAL DETECTED		P	P	P	P	P	P	P
625	NOTHING ABNORMAL DETECTED		P	P	P	P	P	P	P
626	NOTHING ABNORMAL DETECTED		P	P	P	P	P	P	P
627	NOTHING ABNORMAL DETECTED		P	P	P	P	P	P	P
628	NOTHING ABNORMAL DETECTED		P	P	P	P	P	P	P
629	NOTHING ABNORMAL DETECTED		P	P	P	P	P	P	P
630	NOTHING ABNORMAL DETECTED		P	P	P	P	P	P	P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

3-DEC-18
05R034D2
TABLE : IIA-
1918

PROJ. NO. 90R0066/05R034: MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) - DCO (COHORT 2A)
INDIVIDUAL MALE CLINICAL OBSERVATIONS
TEST GROUP 13 (180 MG/KG BW/D)

ANIMAL#	OBSERVATIONS	WEEK OF STUDY					
		0	1	2	3	4	5
631	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
632	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
633	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
634	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
635	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
636	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
637	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
638	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
639	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
640	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

3-DEC-18
05R034D2
TABLE : IIA-
1919

PROJ.NO. 90R0066/05R034:MOD.EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) - DCO (COHORT 2A)
INDIVIDUAL FEMALE CLINICAL OBSERVATIONS
FEMALES TEST GROUP 10 (0 MG/KG BW/D)

ANIMAL#	OBSERVATIONS	WEEK OF STUDY					
		0	1	2	3	4	5
701	NOTHING ABNORMAL DETECTED		P	P	P	P	P
702	NOTHING ABNORMAL DETECTED		P	P	P	P	P
703	NOTHING ABNORMAL DETECTED		P	P	P	P	P
704	NOTHING ABNORMAL DETECTED		P	P	P	P	P
705	NOTHING ABNORMAL DETECTED		P	P	P	P	P
706	NOTHING ABNORMAL DETECTED		P	P	P	P	P
707	NOTHING ABNORMAL DETECTED		P	P	P	P	P
708	NOTHING ABNORMAL DETECTED		P	P	P	P	P
709	NOTHING ABNORMAL DETECTED		P	P	P	P	P
710	NOTHING ABNORMAL DETECTED		P	P	P	P	P
CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT							

3-DEC-18
05R034D2
TABLE : IIA-
1920

PROJ. NO. 90R0066/05R034: MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) - DCO (COHORT 2A)
INDIVIDUAL FEMALE CLINICAL OBSERVATIONS
FEMALES TEST GROUP 11 (20 MG/KG BW/D)

ANIMAL#	OBSERVATIONS	WEEK OF STUDY					
		0	1	2	3	4	5 6
711	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
712	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
713	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
714	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
715	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
716	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
717	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
718	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
719	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
720	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

3-DEC-18
05R034D2
TABLE : IIA-
1921

PROJ. NO. 90R0066/05R034: MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) - DCO (COHORT 2A)
INDIVIDUAL FEMALE CLINICAL OBSERVATIONS
FEMALES TEST GROUP 12 (60 MG/KG BW/D)

ANIMAL#	OBSERVATIONS	WEEK OF STUDY					
		0	1	2	3	4	5
721	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
722	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
723	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
724	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
725	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
726	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
727	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
728	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
729	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
730	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

3-DEC-18
05R034D2
TABLE : IIA-
1922

PROJ. NO. 90R0066/05R034: MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) - DCO (COHORT 2A)
INDIVIDUAL FEMALE CLINICAL OBSERVATIONS
FEMALES TEST GROUP 13 (180 MG/KG BW/D)

ANIMAL#	OBSERVATIONS	WEEK OF STUDY					
		0	1	2	3	4	5
731	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
732	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
733	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
734	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
735	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
736	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
737	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
738	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
739	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
740	NOTHING ABNORMAL DETECTED	P	P	P	P	P	P
CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT							

IIA-1923
PRINT DATE 23MAR18

BASF
Project Number 90R0066/05R034
INDIVIDUAL DATA LISTING WITH MEANS
STARTLE RESPONSE PND 24

M A L E S		Block					Block 1-5	
Animal No.		Block 1	Block 2	Block 3	Block 4	Block 5	Mean	Max. Ampl.
		Max. Ampl.	Max. Ampl.	Max. Ampl.	Max. Ampl.	Max. Ampl.		
TEST GROUP 10								
0 MG/KG BW/D								
601		260	265	214	225	224	237	
602		269	179	217	248	266	236	
603		331	278	226	151	138	225	
604		321	290	282	250	277	284	
605		282	295	163	187	185	222	
606		289	279	246	247	331	278	
607		281	233	248	182	210	231	
608		580	405	419	503	466	475	
609		273	238	211	220	264	241	
610		276	222	251	238	162	230	
M		316.1	268.5	247.5	245.1	252.2	265.9	
SD		95.2	60.0	67.9	96.5	95.1	76.4	
N		10	10	10	10	10	10	
TEST GROUP 11								
20 MG/KG BW/D								
611		173	172	229	97	137	162	
612		233	152	119	83	87	135	
613		179	105	70	99	112	113	
614		337	270	269	163	147	237	
615		290	187	173	174	153	195	
616		212	192	166	180	198	190	
617		242	183	186	211	167	198	
618		273	222	262	259	252	254	
619		333	223	242	190	224	242	
620		249	138	142	122	147	160	
M		252.2	184.2	185.7	157.7	162.4	188.4	
SD		57.1	47.1	64.9	56.8	50.2	46.9	
N		10	10	10	10	10	10	

IIA-1924

PRINT DATE 23MAR18

BASF
Project Number 90R0066/05R034

INDIVIDUAL DATA LISTING WITH MEANS

M A L E S

STARTLE RESPONSE PND 24

Animal No.	Block 1		Block 2		Block 3		Block 4		Block 5		Block 1-5	
	Max. Ampl.	Mean	Max. Ampl.	Mean	Max. Ampl.	Mean	Max. Ampl.	Mean	Max. Ampl.	Mean	Max. Ampl.	Mean
621	182	119	154	141	168	153	168	153	168	153	168	153
622	273	253	188	162	232	222	232	222	232	222	232	222
623	207	200	107	122	126	152	126	152	126	152	126	152
624	419	253	246	198	251	274	251	274	251	274	251	274
625	349	296	253	247	236	276	236	276	236	276	236	276
626	310	266	213	213	196	250	196	250	196	250	196	250
627	278	218	169	298	239	240	239	240	239	240	239	240
628	331	193	212	173	161	214	161	214	161	214	161	214
629	268	242	189	215	223	227	223	227	223	227	223	227
630	392	292	279	273	212	289	212	289	212	289	212	289
M	300.6	233.1	206.5	204.1	204.5	229.8	204.5	229.8	204.5	229.8	204.5	229.8
SD	75.2	53.2	55.1	56.9	41.0	47.7	41.0	47.7	41.0	47.7	41.0	47.7
N	10	10	10	10	10	10	10	10	10	10	10	10

TEST GROUP 13
180 MG/KG BW/D

631	435	444	336	289	332	367
632	218	149	139	185	180	174
633	364	315	275	271	330	311
634	310	395	396	401	221	344
635	289	222	151	129	115	181
636	328	255	239	234	284	268
637	381	280	207	255	250	275
638	309	262	168	223	228	238
639	302	225	211	244	233	243
640	330	332	355	342	240	320
M	326.5	287.9	247.8	257.2	241.2	272.1
SD	58.3	87.0	90.0	76.5	65.4	65.0
N	10	10	10	10	10	10

IIA-1925
PRINT DATE 23MAR18

BASF
Project Number 90R0066/05R034
INDIVIDUAL DATA LISTING WITH MEANS
STARTLE RESPONSE PND 24

M A L E S		Block					Block 1-5	
Animal No.	Block 1	Block 2	Block 3	Block 4	Block 5	Block 1-5	Mean	Latency msec
	Latency msec	Latency msec	Latency msec	Latency msec	Latency msec	Latency msec		
TEST GROUP 10								
0 MG/KG BW/D								
601	20	19	18	20	20	19		19
602	20	20	18	17	17	19		19
603	21	19	19	22	22	21		21
604	24	17	17	17	17	18		18
605	19	18	23	19	18	19		19
606	19	19	20	20	18	19		19
607	17	17	17	19	18	18		18
608	23	20	18	19	19	20		20
609	17	18	19	23	19	19		19
610	23	20	17	18	29	21		21
M	20.2	18.7	18.7	19.6	19.7	19.4		19.4
SD	2.3	1.2	1.9	1.9	3.5	1.1		1.1
N	10	10	10	10	10	10		10
TEST GROUP 11								
20 MG/KG BW/D								
611	22	20	18	29	23	22		22
612	20	19	17	26	21	20		20
613	26	25	28	20	21	24		24
614	17	18	17	21	25	20		20
615	20	21	20	20	21	20		20
616	21	19	20	18	18	19		19
617	21	19	19	18	20	19		19
618	19	18	17	17	17	17		17
619	18	18	18	20	18	18		18
620	18	24	22	22	26	22		22
M	20.2	19.9	19.6	20.9	20.9	20.3		20.3
SD	2.7	2.6	3.5	3.6	3.0	2.0		2.0
N	10	10	10	10	10	10		10

IIA-1926
PRINT DATE 23MAR18

BASF
Project Number 90R0066/05R034

INDIVIDUAL DATA LISTING WITH MEANS

M A L E S

STARTLE RESPONSE PND 24

Animal No.	Block 1		Block 2		Block 3		Block 4		Block 5		Block 1-5 Mean	
	Latency msec		Latency msec		Latency msec		Latency msec		Latency msec		Latency msec	
TEST GROUP 12												
60 MG/KG BW/D												
621	20	25	19	18	19	18	18	19	19	20	19	20
622	21	18	20	20	20	20	20	18	20	19	20	20
623	22	19	19	19	19	19	19	18	18	19	19	19
624	21	18	17	17	17	17	17	17	17	17	17	19
625	25	17	18	18	18	18	18	21	21	19	19	19
626	22	18	19	19	19	19	18	19	19	19	19	19
627	20	28	20	20	20	20	19	19	19	21	21	19
628	21	22	21	21	21	21	19	18	18	20	20	18
629	23	19	18	18	18	18	17	20	20	18	18	18
630	19											
M	21.3	20.2	18.9	18.5	18.9	18.5	18.5	18.8	18.6	19.6	19.6	19.6
SD	1.9	3.5	1.0	0.9	1.0	0.9	1.0	1.1	0.9	0.9	0.9	0.9
N	10	10	10	10	10	10	10	10	10	10	10	10
TEST GROUP 13												
180 MG/KG BW/D												
631	22	21	18	18	18	18	18	18	18	19	19	19
632	20	21	18	40	18	40	18	18	18	23	23	23
633	18	19	19	18	18	18	18	18	18	18	18	18
634	18	18	18	19	18	19	22	22	22	19	19	19
635	19	17	17	19	17	19	18	18	18	18	18	18
636	22	18	18	20	18	20	18	18	18	19	19	19
637	23	18	18	18	18	18	18	19	19	19	19	19
638	23	20	25	19	25	19	19	20	20	21	21	21
639	18	20	19	18	18	18	18	18	18	19	19	19
640	21	19	18	19	18	19	24	24	24	20	20	20
M	20.4	19.1	18.7	20.7	18.7	20.7	19.3	19.3	19.6	19.6	19.6	19.6
SD	2.2	1.5	2.2	6.6	2.2	6.6	2.1	2.1	1.7	1.7	1.7	1.7
N	10	10	10	10	10	10	10	10	10	10	10	10

IIA-1927

PRINT DATE 23MAR18

BASF
Project Number 90R0066/05R034

INDIVIDUAL DATA LISTING WITH MEANS

F E M A L E S

STARTLE RESPONSE PND 24

Animal No.	Block 1		Block 2		Block 3		Block 4		Block 5		Block 1-5 Mean	
	Max. Ampl.	Max. Ampl.	Max. Ampl.	Max. Ampl.	Max. Ampl.	Max. Ampl.	Max. Ampl.	Max. Ampl.	Max. Ampl.	Max. Ampl.	Max. Ampl.	Max. Ampl.
TEST GROUP 10												
0 MG/KG BW/D												
701	212	175	252	246	252	246	252	246	252	246	252	227
702	216	200	177	187	177	187	177	187	177	187	177	190
703	253	294	274	279	274	279	274	279	274	279	274	266
704	255	123	116	105	116	105	116	105	116	105	116	140
705	270	106	129	99	129	99	129	99	129	99	129	151
706	429	271	220	200	220	200	220	200	220	200	220	262
707	236	232	152	166	152	166	152	166	152	166	152	195
708	311	185	182	200	182	200	182	200	182	200	182	229
709	441	365	347	244	347	244	347	244	347	244	347	336
710	233	175	173	132	173	132	173	132	173	132	173	183
M	285.6	212.4	202.0	185.7	202.0	185.7	202.0	185.7	202.0	185.7	202.0	218.0
SD	83.6	79.4	71.5	61.0	71.5	61.0	71.5	61.0	71.5	61.0	71.5	59.0
N	10	10	10	10	10	10	10	10	10	10	10	10
TEST GROUP 11												
20 MG/KG BW/D												
711	154	151	149	129	149	129	149	129	149	129	149	136
712	201	196	156	211	156	211	156	211	156	211	156	187
713	245	232	229	125	229	125	229	125	229	125	229	202
714	277	251	169	163	169	163	169	163	169	163	169	204
715	189	120	188	191	188	191	188	191	188	191	188	162
716	311	219	153	103	153	103	153	103	153	103	153	191
717	273	253	276	289	276	289	276	289	276	289	276	275
718	188	248	225	205	225	205	225	205	225	205	225	214
719	408	344	303	240	303	240	303	240	303	240	303	320
720	321	285	262	229	262	229	262	229	262	229	262	250
M	256.8	229.9	210.8	188.4	210.8	188.4	210.8	188.4	210.8	188.4	210.8	214.2
SD	77.2	64.0	56.1	58.5	56.1	58.5	56.1	58.5	56.1	58.5	56.1	54.4
N	10	10	10	10	10	10	10	10	10	10	10	10

IIA-1928

PRINT DATE 23MAR18

BASF
Project Number 90R0066/05R034

INDIVIDUAL DATA LISTING WITH MEANS

F E M A L E S

STARTLE RESPONSE PND 24

Animal No.	Block 1		Block 2		Block 3		Block 4		Block 5		Block 1-5 Mean	
	Max. Ampl.	Max. Ampl.	Max. Ampl.	Max. Ampl.	Max. Ampl.	Max. Ampl.	Max. Ampl.	Max. Ampl.	Max. Ampl.	Max. Ampl.	Max. Ampl.	

TEST GROUP 12
60 MG/KG BW/D

721	280	283	232	76							196
722	231	288	135	255							239
723	176	165	168	153							166
724	351	380	314	294							342
725	275	264	257	224							251
726	203	151	149	122							145
727	221	237	201	205							213
728	359	329	287	291							320
729	125	130	89	67							99
730	321	202	208	255							245
M	254.2	242.7	203.8	194.2							221.6
SD	76.7	81.2	70.6	84.7							75.1
N	10	10	10	10							10

TEST GROUP 13
180 MG/KG BW/D

731	335	270	240	163							249
732	311	266	213	186							231
733	218	146	112	145							152
734	259	238	221	212							228
735	260	237	247	226							234
736	343	326	244	218							276
737	304	193	159	134							193
738	272	199	242	252							238
739	168	92	117	200							160
740	391	256	285	241							292
M	286.1	222.2	207.8	197.7							225.4
SD	64.8	67.3	58.7	40.0							45.3
N	10	10	10	10							10

ITA-1929

PRINT DATE 23MAR18

BASF
Project Number 90R0066/05R034

INDIVIDUAL DATA LISTING WITH MEANS STARTLE RESPONSE PND 24

F E M A L E S

Animal No.	Block 1 Latency msec	Block 2 Latency msec	Block 3 Latency msec	Block 4 Latency msec	Block 5 Latency msec	Block 1-5 Mean Latency msec
701	26	21	18	18	18	20
702	18	18	18	18	18	18
703	20	19	18	18	19	19
704	23	20	24	23	21	22
705	33	24	25	22	39	28
706	22	17	18	24	21	20
707	19	18	22	23	18	20
708	22	18	18	21	18	19
709	19	18	19	24	20	20
710	19	19	18	21	29	21
M	22.0	19.2	19.7	20.6	22.3	20.7
SD	4.5	2.0	2.6	2.5	6.7	2.9
N	10	10	10	10	10	10

TEST GROUP 10
0 MG/KG BW/D

TEST GROUP 11
20 MG/KG BW/D

711	24	18	19	20	23	21
712	21	18	18	18	19	19
713	18	18	18	24	20	20
714	20	23	24	22	19	22
715	19	20	18	18	20	19
716	28	18	20	22	28	23
717	21	17	17	21	17	19
718	25	17	17	18	17	19
719	21	19	20	21	19	20
720	18	18	18	18	21	19
M	21.4	18.5	18.8	20.1	20.2	19.8
SD	3.2	1.7	2.1	2.4	3.1	1.5
N	10	10	10	10	10	10

IIA-1930

PRINT DATE 23MAR18

BASF
Project Number 90R0066/05R034

INDIVIDUAL DATA LISTING WITH MEANS STARTLE RESPONSE PND 24

F E M A L E S

Animal No.	Block 1 Latency msec	Block 2 Latency msec	Block 3 Latency msec	Block 4 Latency msec	Block 5 Latency msec	Block 1-5 Mean Latency msec
721	26	18	21	28	27	24
722	19	19	28	17	17	20
723	20	18	18	18	18	18
724	22	20	24	26	26	23
725	19	17	18	18	19	18
726	21	25	21	20	21	22
727	18	18	17	18	18	18
728	26	21	26	20	20	23
729	31	19	25	26	28	26
730	19	21	20	18	18	19
M	22.0	19.5	21.9	20.8	21.2	21.1
SD	4.3	2.3	3.6	4.1	4.1	2.8
N	10	10	10	10	10	10

TEST GROUP 12
60 MG/KG BW/D

TEST GROUP 13
180 MG/KG BW/D

731	19	18	23	19	18	19
732	21	25	22	20	27	23
733	19	21	18	17	17	18
734	17	17	17	18	18	17
735	19	19	18	19	19	19
736	17	20	19	17	18	18
737	20	20	21	23	24	21
738	19	22	17	17	17	18
739	19	21	23	17	17	19
740	22	18	17	18	17	18
M	19.2	19.9	19.4	18.4	19.1	19.2
SD	1.4	2.3	2.4	1.8	3.3	1.6
N	10	10	10	10	10	10

Table IIA - 1931
3-Dec-2018

FUNCTIONAL OBSERVATIONAL BATTERY

Project No.: 90R0066/05R034 (Cohort 2A)

Test group 10 0 mg/kg bw/d
male animals

home cage observation	Rank	Animal No.	Individual values							day 75
			601	602	603	604	605	606	607	
posture	(0-7)	1	1	1	1	1	1	1	1	1
tremors	(0-3)	0	0	0	0	0	0	0	0	0
convulsions	(0-3)	0	0	0	0	0	0	0	0	0
abnormal movements	(0-4)	0	0	0	0	0	0	0	0	0
gait	(0-7)	1	1	1	1	1	1	1	1	1
other findings		0	0	0	0	0	0	0	0	0

Table IIA - 1932
3-Dec-2018

FUNCTIONAL OBSERVATIONAL BATTERY

Project No.: 90R0066/05R034 (Cohort 2A)

Test group 10 0 mg/kg bw/d
male animals

open field observations	Rank	Animal No.	Individual values							day 75
			601	602	603	604	605	606	607	
behavior on removal from the cage	(0-4)	0	0	0	0	0	0	0	0	0
fur	(0-5)	0	0	0	0	0	0	0	0	0
skin	(0-7)	0	0	0	0	0	0	0	0	0
salivation	(0-3)	0	0	0	0	0	0	0	0	0
nasal discharge	(0-2)	0	0	0	0	0	0	0	0	0
lacrimation	(0-3)	0	0	0	0	0	0	0	0	0
eyes/pupil size	(0-7)	0	0	0	0	0	0	0	0	0
posture	(0-7)	1	1	1	1	1	1	1	1	1
palpebral closure	(0-3)	0	0	0	0	0	0	0	0	0
respiration	(0-4)	0	0	0	0	0	0	0	0	0
tremors	(0-3)	0	0	0	0	0	0	0	0	0
convulsions	(0-3)	0	0	0	0	0	0	0	0	0
abnormal movements/stereotypics	(0-4)	0	0	0	0	0	0	0	0	0
gait	(0-7)	1	1	1	1	1	0	1	1	1
activity/arousal level	(0-4)	0	0	0	0	0	1	0	0	0
feces	(0-6)	0	0	0	0	0	0	0	0	0
urine	(0-3)	0	0	0	0	0	0	0	0	0
other findings		0	0	0	0	0	0	0	0	0

Table IIA - 1933
3-Dec-2018

FUNCTIONAL OBSERVATIONAL BATTERY

Project No.: 90R0066/05R034 (Cohort 2A)

Test group 10 0 mg/kg bw/d
male animals

sensorimotor tests/reflexes	Rank	Animal No.	Individual values							day 75
			601	602	603	604	605	606	607	
approach response	(0-3)	0	0	0	0	0	0	0	0	0
touch response	(0-4)	0	0	0	0	0	0	0	0	0
vision	(0-1)	0	0	0	0	0	0	0	0	0
pupillary reflex	(0-3)	0	0	0	0	0	0	0	0	0
pinna reflex	(0-1)	0	0	0	0	0	0	0	0	0
audition	(0-3)	0	0	0	0	0	0	0	0	0
coordination of movements	(0-3)	0	0	0	0	0	0	0	0	0
behavior during handling	(0-3)	0	0	0	0	0	0	0	0	0
vocalization	(0-3)	0	0	0	0	0	0	0	0	0
pain perception	(0-3)	0	0	0	0	0	0	0	0	0
other findings		0	0	0	0	0	0	0	0	0

Table IIA - 1934
3-Dec-2018

FUNCTIONAL OBSERVATIONAL BATTERY

Project No.: 90R0066/05R034 (Cohort 2A)

Test group 11 20 mg/kg bw/d
male animals

home cage observation	Rank	Animal No.		Individual values							day 75	
		611	612	613	614	615	616	617	618	619	620	620
posture	(0-7)	1	1	1	1	1	1	1	1	1	1	1
tremors	(0-3)	0	0	0	0	0	0	0	0	0	0	0
convulsions	(0-3)	0	0	0	0	0	0	0	0	0	0	0
abnormal movements	(0-4)	0	0	0	0	0	0	0	0	0	0	0
gait	(0-7)	1	1	1	1	1	1	1	1	1	1	1
other findings		0	0	0	0	0	0	0	0	0	0	0

Table IIA - 1935
3-Dec-2018

FUNCTIONAL OBSERVATIONAL BATTERY

Project No.: 90R0066/05R034 (Cohort 2A)

Test group 11 20 mg/kg bw/d
male animals

open field observations	Rank	Animal No.	Individual values									
			611	612	613	614	615	616	617	618	619	620
behavior on removal from the cage	(0-4)	0	0	0	0	0	0	0	0	0	0	0
fur	(0-5)	0	0	0	0	0	0	0	0	0	0	0
skin	(0-7)	0	0	0	0	0	0	0	0	0	0	0
salivation	(0-3)	0	0	0	0	0	0	0	0	0	0	0
nasal discharge	(0-2)	0	0	0	0	0	0	0	0	0	0	0
lacrimation	(0-3)	0	0	0	0	0	0	0	0	0	0	0
eyes/pupil size	(0-7)	0	0	0	0	0	0	0	0	0	0	0
posture	(0-7)	1	1	1	1	1	1	1	1	1	1	1
palpebral closure	(0-3)	0	0	0	0	0	0	0	0	0	0	0
respiration	(0-4)	0	0	0	0	0	0	0	0	0	0	0
tremors	(0-3)	0	0	0	0	0	0	0	0	0	0	0
convulsions	(0-3)	0	0	0	0	0	0	0	0	0	0	0
abnormal movements/stereotypics	(0-4)	0	0	0	0	0	0	0	0	0	0	0
gait	(0-7)	1	1	1	1	1	1	1	1	1	1	1
activity/arousal level	(0-4)	0	0	0	0	0	0	0	0	0	0	0
feces	(0-6)	0	0	0	0	0	0	0	0	0	0	0
urine	(0-3)	0	0	0	0	0	0	0	0	0	0	0
other findings		0	0	0	0	0	0	0	0	0	0	0

Table IIA - 1936
3-Dec-2018

FUNCTIONAL OBSERVATIONAL BATTERY

Project No.: 90R0066/05R034 (Cohort 2A)

Test group 11 20 mg/kg bw/d
male animals

Sensorimotor tests/reflexes	Rank	Animal No.	Individual values							day 75
			611	612	613	614	615	616	617	
approach response	(0-3)	0	0	0	0	0	0	0	0	0
touch response	(0-4)	0	0	0	0	0	0	0	0	0
vision	(0-1)	0	0	0	0	0	0	0	0	0
pupillary reflex	(0-3)	0	0	0	0	0	0	0	0	0
pinna reflex	(0-1)	0	0	0	0	0	0	0	0	0
audition	(0-3)	0	0	0	0	0	0	0	0	0
coordination of movements	(0-3)	0	0	0	0	0	0	0	0	0
behavior during handling	(0-3)	0	0	0	0	0	0	0	0	0
vocalization	(0-3)	0	0	0	0	0	0	0	0	0
pain perception	(0-3)	0	0	0	0	0	0	0	0	0
other findings		0	0	0	0	0	0	0	0	0

Table IIA - 1937
3-Dec-2018

FUNCTIONAL OBSERVATIONAL BATTERY

Project No.: 90R0066/05R034 (Cohort 2A)

Test group 12 60 mg/kg bw/d
male animals

Test group 12 60 mg/kg bw/d female animals	Individual values												day 75	
	Rank		Animal No.		621	622	623	624	625	626	627	628	629	630
Home cage observation														
posture	(0-7)	0	0	0	1	1	1	1	1	1	1	1	1	1
tremors	(0-3)	0	0	0	0	0	0	0	0	0	0	0	0	0
convulsions	(0-3)	0	0	0	0	0	0	0	0	0	0	0	0	0
abnormal movements	(0-4)	0	0	0	0	0	0	0	0	0	0	0	0	0
gait	(0-7)	0	0	0	1	1	1	1	1	1	1	1	1	1
other findings		0	0	0	0	0	0	0	0	0	0	0	0	0

Table IIA - 1938
3-Dec-2018

FUNCTIONAL OBSERVATIONAL BATTERY

Project No.: 90R0066/05R034 (Cohort 2A)

Test group 12 60 mg/kg bw/d
male animals

Open field observations	Rank	Animal No.	Individual values										day 75
			621	622	623	624	625	626	627	628	629	630	
behavior on removal from the cage	(0-4)	0	0	0	0	0	0	0	0	0	0	0	0
fur	(0-5)	0	0	0	0	0	0	0	0	0	0	0	0
skin	(0-7)	0	0	0	0	0	0	0	0	0	0	0	0
salivation	(0-3)	0	0	0	0	0	0	0	0	0	0	0	0
nasal discharge	(0-2)	0	0	0	0	0	0	0	0	0	0	0	0
lacrimation	(0-3)	0	0	0	0	0	0	0	0	0	0	0	0
eyes/pupil size	(0-7)	0	0	0	0	0	0	0	0	0	0	0	0
posture	(0-7)	1	1	1	1	1	1	1	1	1	1	1	1
palpebral closure	(0-3)	0	0	0	0	0	0	0	0	0	0	0	0
respiration	(0-4)	0	0	0	0	0	0	0	0	0	0	0	0
tremors	(0-3)	0	0	0	0	0	0	0	0	0	0	0	0
convulsions	(0-3)	0	0	0	0	0	0	0	0	0	0	0	0
abnormal movements/stereotypics	(0-4)	0	0	0	0	0	0	0	0	0	0	0	0
gait	(0-7)	1	1	1	1	1	1	1	1	1	1	1	1
activity/arousal level	(0-4)	0	0	0	0	0	0	0	0	0	0	0	0
feces	(0-6)	0	0	0	0	0	0	0	0	0	0	0	0
urine	(0-3)	0	0	1	0	0	0	0	0	1	0	0	0
other findings		0	0	0	0	0	0	0	0	0	0	0	0

Table IIA - 1939
3-Dec-2018

FUNCTIONAL OBSERVATIONAL BATTERY

Project No.: 90R0066/05R034 (Cohort 2A)

Test group 12 60 mg/kg bw/d
male animals

Sensorimotor tests/reflexes	Rank	Animal No.	Individual values										day 75
			621	622	623	624	625	626	627	628	629	630	
approach response	(0-3)	0	0	0	0	0	0	0	0	0	0	0	0
touch response	(0-4)	0	0	0	0	0	0	0	0	0	0	0	0
vision	(0-1)	0	0	0	0	0	0	0	0	0	0	0	0
pupillary reflex	(0-3)	0	0	0	0	0	0	0	0	0	0	0	0
pinna reflex	(0-1)	0	0	0	0	0	0	0	0	0	0	0	0
audition	(0-3)	0	0	0	0	0	0	0	0	0	0	0	0
coordination of movements	(0-3)	0	0	0	0	0	0	0	0	0	0	0	0
behavior during handling	(0-3)	0	0	0	0	0	0	0	0	0	0	0	0
vocalization	(0-3)	0	0	0	0	0	0	0	0	0	0	0	0
pain perception	(0-3)	0	0	0	0	0	0	0	0	0	0	0	0
other findings		0	0	0	0	0	0	0	0	0	0	0	0

Table IIA - 1940
3-Dec-2018

FUNCTIONAL OBSERVATIONAL BATTERY

Project No.: 90R0066/05R034 (Cohort 2A)

Test group 13 180 mg/kg bw/d
male animals

Home cage observation	Rank	Animal No.	Individual values										day 75
			631	632	633	634	635	636	637	638	639	640	
posture	(0-7)	0	0	1	1	1	1	1	1	1	1	1	1
tremors	(0-3)	0	0	0	0	0	0	0	0	0	0	0	0
convulsions	(0-3)	0	0	0	0	0	0	0	0	0	0	0	0
abnormal movements	(0-4)	0	0	0	0	0	0	0	0	0	0	0	0
gait	(0-7)	0	0	1	1	1	1	1	1	1	1	1	1
other findings		0	0	0	0	0	0	0	0	0	0	0	0

Table IIA - 1941
3-Dec-2018

FUNCTIONAL OBSERVATIONAL BATTERY

Project No.: 90R0066/05R034 (Cohort 2A)

Test group 13 180 mg/kg bw/d
male animals

Open field observations	Rank	Animal No.	Individual values										
			631	632	633	634	635	636	637	638	639	640	
behavior on removal from the cage	(0-4)	0	0	0	0	0	0	0	0	0	0	0	
fur	(0-5)	0	0	0	0	0	0	0	0	0	0	0	
skin	(0-7)	0	0	0	0	0	0	0	0	0	0	0	
salivation	(0-3)	0	0	0	0	0	0	0	0	0	0	0	
nasal discharge	(0-2)	0	0	0	0	0	0	0	0	0	0	0	
lacrimation	(0-3)	0	0	0	0	0	0	0	0	0	0	0	
eyes/pupil size	(0-7)	0	0	0	0	0	0	0	0	0	0	0	
posture	(0-7)	0	1	1	1	1	1	1	1	1	1	1	
palpebral closure	(0-3)	0	0	0	0	0	0	0	0	0	0	0	
respiration	(0-4)	0	0	0	0	0	0	0	0	0	0	0	
tremors	(0-3)	0	0	0	0	0	0	0	0	0	0	0	
convulsions	(0-3)	0	0	0	0	0	0	0	0	0	0	0	
abnormal movements/stereotypics	(0-4)	0	0	0	0	0	0	0	0	0	0	0	
gait	(0-7)	0	1	1	1	1	1	1	1	1	1	1	
activity/arousal level	(0-4)	1	0	0	0	0	0	0	0	0	0	0	
feces	(0-6)	0	0	0	0	1	0	0	0	0	0	0	
urine	(0-3)	0	1	0	0	1	0	0	0	0	0	0	
other findings		0	0	0	0	0	0	0	0	0	0	0	

Table IIA - 1942
3-Dec-2018

Project No.: 90R0066/05R034 (Cohort 2A)		FUNCTIONAL OBSERVATIONAL BATTERY										day 75	
		Individual values											
Test group 13	180 mg/kg bw/d	Rank	Animal No.	631	632	633	634	635	636	637	638	639	640
Sensorimotor tests/reflexes													
approach response		(0-3)	0	0	0	0	0	0	0	1	0	0	0
touch response		(0-4)	0	0	0	0	0	0	0	0	0	0	0
vision		(0-1)	0	0	0	0	0	0	0	0	0	0	0
pupillary reflex		(0-3)	0	0	0	0	0	0	0	0	0	0	0
pinna reflex		(0-1)	0	0	0	0	0	0	0	0	0	0	0
audition		(0-3)	0	0	0	0	0	0	0	0	0	0	0
coordination of movements		(0-3)	0	0	0	0	0	0	0	0	0	0	0
behavior during handling		(0-3)	0	0	0	0	0	0	0	0	0	0	0
vocalization		(0-3)	0	0	0	0	0	0	0	0	0	0	0
pain perception		(0-3)	0	0	0	0	0	0	0	0	0	0	0
other findings			0	0	0	0	0	0	0	0	0	0	0

Table IIA - 1943
3-Dec-2018

FUNCTIONAL OBSERVATIONAL BATTERY

Project No.: 90R0066/05R034 (Cohort 2A)

Test group 10 0 mg/kg bw/d
female animals

home cage observation	Rank	Animal No.		Individual values										day 75	
		701	702	703	704	705	706	707	708	709	710				
posture	(0-7)	1	0	1	1	1	1	1	1	1	1				
tremors	(0-3)	0	0	0	0	0	0	0	0	0	0				
convulsions	(0-3)	0	0	0	0	0	0	0	0	0	0				
abnormal movements	(0-4)	0	0	0	0	0	0	0	0	0	0				
gait	(0-7)	1	0	1	1	1	1	1	1	1	1				
other findings		0	0	0	0	0	0	0	0	0	0				

Table IIA - 1944
3-Dec-2018

FUNCTIONAL OBSERVATIONAL BATTERY

Project No.: 90R0066/05R034 (Cohort 2A)

Test group 10 0 mg/kg bw/d
female animals

open field observations	Rank	Animal No.		Individual values							day 75	
		701	702	703	704	705	706	707	708	709	710	711
behavior on removal from the cage	(0-4)	0	0	0	0	0	0	0	0	0	0	0
fur	(0-5)	0	0	0	0	0	0	0	0	0	0	0
skin	(0-7)	0	0	0	0	0	0	0	0	0	0	0
salivation	(0-3)	0	0	0	0	0	0	0	0	0	0	0
nasal discharge	(0-2)	0	0	0	0	0	0	0	0	0	0	0
lacrimation	(0-3)	0	0	0	0	0	0	0	0	0	0	0
eyes/pupil size	(0-7)	0	0	0	0	0	0	0	0	0	0	0
posture	(0-7)	1	1	1	1	1	1	1	1	1	1	1
palpebral closure	(0-3)	0	0	0	0	0	0	0	0	0	0	0
respiration	(0-4)	0	0	0	0	0	0	0	0	0	0	0
tremors	(0-3)	0	0	0	0	0	0	0	0	0	0	0
convulsions	(0-3)	0	0	0	0	0	0	0	0	0	0	0
abnormal movements/stereotypics	(0-4)	0	0	0	0	0	0	0	0	0	0	0
gait	(0-7)	1	1	1	1	1	1	1	1	1	1	1
activity/arousal level	(0-4)	0	0	0	0	0	0	0	0	0	0	0
feces	(0-6)	0	0	0	0	0	0	0	0	0	0	0
urine	(0-3)	0	0	0	0	0	0	0	0	0	0	0
other findings		0	0	0	0	0	0	0	0	0	0	0

Table IIA - 1945
3-Dec-2018

FUNCTIONAL OBSERVATIONAL BATTERY

Project No.: 90R0066/05R034 (Cohort 2A)

Test group 10 0 mg/kg bw/d
female animals

Individual values	day 75									
	706	705	704	703	702	701	Rank	Animal No.	702	710
sensorimotor tests/reflexes										
approach response	0	0	0	0	0	1	(0-3)	0	0	0
touch response	0	0	0	0	0	0	(0-4)	0	0	0
vision	0	0	0	0	0	0	(0-1)	0	0	0
pupillary reflex	0	0	0	0	0	0	(0-3)	0	0	0
pinna reflex	0	0	0	0	0	0	(0-1)	0	0	0
audition	0	0	0	0	0	0	(0-3)	0	0	0
coordination of movements	0	0	0	0	0	0	(0-3)	0	0	0
behavior during handling	0	0	0	0	0	0	(0-3)	0	0	0
vocalization	0	0	0	0	0	0	(0-3)	0	0	0
pain perception	0	0	0	0	0	0	(0-3)	0	0	0
other findings	0	0	0	0	0	0		0	0	0

Table IIA - 1946
3-Dec-2018

FUNCTIONAL OBSERVATIONAL BATTERY

Project No.: 90R0066/05R034 (Cohort 2A)

Test group 11 20 mg/kg bw/d
female animals

home cage observation	Rank	Animal No.		Individual values										day 75	
		711	712	713	714	715	716	717	718	719	720				
posture	(0-7)	1	1	1	1	1	1	1	1	1	1			1	1
tremors	(0-3)	0	0	0	0	0	0	0	0	0	0			0	0
convulsions	(0-3)	0	0	0	0	0	0	0	0	0	0			0	0
abnormal movements	(0-4)	0	0	0	0	0	0	0	0	0	0			0	0
gait	(0-7)	1	1	1	1	1	1	1	1	1	1			1	1
other findings		0	0	0	0	0	0	0	0	0	0			0	0

Table IIA - 1947
3-Dec-2018

FUNCTIONAL OBSERVATIONAL BATTERY

Project No.: 90R0066/05R034 (Cohort 2A)

Test group 11 20 mg/kg bw/d
female animals

open field observations	Rank	711	712	713	714	715	716	717	718	719	720
behavior on removal from the cage	(0-4)	0	0	0	0	0	0	0	0	0	0
fur	(0-5)	0	0	0	0	0	0	0	0	0	0
skin	(0-7)	0	0	0	0	0	0	0	0	0	0
salivation	(0-3)	0	0	0	0	0	0	0	0	0	0
nasal discharge	(0-2)	0	0	0	0	0	0	0	0	0	0
lacrimation	(0-3)	0	0	0	0	0	0	0	0	0	0
eyes/pupil size	(0-7)	0	0	0	0	0	0	0	0	0	0
posture	(0-7)	1	1	1	1	1	1	1	1	1	1
palpebral closure	(0-3)	0	0	0	0	0	0	0	0	0	0
respiration	(0-4)	0	0	0	0	0	0	0	0	0	0
tremors	(0-3)	0	0	0	0	0	0	0	0	0	0
convulsions	(0-3)	0	0	0	0	0	0	0	0	0	0
abnormal movements/stereotypics	(0-4)	0	0	0	0	0	0	0	0	0	0
gait	(0-7)	1	1	1	1	1	1	1	1	1	1
activity/arousal level	(0-4)	0	0	0	0	0	0	0	0	0	0
feces	(0-6)	0	0	0	0	0	0	0	0	0	0
urine	(0-3)	0	0	0	0	0	0	0	0	0	0
other findings		0	0	0	0	0	0	0	0	0	0

Table IIA - 1948
3-Dec-2018

FUNCTIONAL OBSERVATIONAL BATTERY

Project No.: 90R0066/05R034 (Cohort 2A)

Test group 11 20 mg/kg bw/d
female animals

Sensorimotor tests/reflexes	Rank	Animal No.		Individual values										day 75	
		711	712	713	714	715	716	717	718	719	720				
approach response	(0-3)	0	1	0	0	0	0	0	0	0	0			0	0
touch response	(0-4)	0	0	0	0	0	0	0	0	0	0			0	0
vision	(0-1)	0	0	0	0	0	0	0	0	0	0			0	0
pupillary reflex	(0-3)	0	0	0	0	0	0	0	0	0	0			0	0
pinna reflex	(0-1)	0	0	0	0	0	0	0	0	0	0			0	0
audition	(0-3)	0	0	0	0	0	0	0	0	0	0			0	0
coordination of movements	(0-3)	0	0	0	0	0	0	0	0	0	0			0	0
behavior during handling	(0-3)	0	0	0	0	0	0	0	0	0	0			0	0
vocalization	(0-3)	0	0	0	0	0	0	0	0	0	0			0	0
pain perception	(0-3)	0	0	0	0	0	0	0	0	0	0			0	0
other findings		0	0	0	0	0	0	0	0	0	0			0	0

Table IIA - 1949
3-Dec-2018

FUNCTIONAL OBSERVATIONAL BATTERY

Project No.: 90R0066/05R034 (Cohort 2A)

Test group 12 60 mg/kg bw/d
female animals

Home cage observation	Rank	Animal No.		Individual values										day 75	
		721	722	723	724	725	726	727	728	729	730				
posture	(0-7)	1	0	1	0	0	1	1	1	1	1				
tremors	(0-3)	0	0	0	0	0	0	0	0	0	0				
convulsions	(0-3)	0	0	0	0	0	0	0	0	0	0				
abnormal movements	(0-4)	0	0	0	0	0	0	0	0	0	0				
gait	(0-7)	1	0	1	0	0	1	1	1	1	1				
other findings		0	0	0	0	0	0	0	0	0	0				

Table IIA - 1950
3-Dec-2018

FUNCTIONAL OBSERVATIONAL BATTERY

Project No.: 90R0066/05R034 (Cohort 2A)

Test group 12 60 mg/kg bw/d
female animals

Open field observations

	Rank	Animal No.	721	722	723	724	725	726	727	728	729	730
behavior on removal from the cage	(0-4)	0	0	0	0	0	0	0	0	0	0	0
fur	(0-5)	0	0	0	0	0	0	0	0	0	0	0
skin	(0-7)	0	0	0	0	0	0	0	0	0	0	0
salivation	(0-3)	0	0	0	0	0	0	0	0	0	0	0
nasal discharge	(0-2)	0	0	0	0	0	0	0	0	0	0	0
lacrimation	(0-3)	0	0	0	0	0	0	0	0	0	0	0
eyes/pupil size	(0-7)	0	0	0	0	0	0	0	0	0	0	0
posture	(0-7)	1	1	1	1	1	1	1	1	1	1	1
palpebral closure	(0-3)	0	0	0	0	0	0	0	0	0	0	0
respiration	(0-4)	0	0	0	0	0	0	0	0	0	0	0
tremors	(0-3)	0	0	0	0	0	0	0	0	0	0	0
convulsions	(0-3)	0	0	0	0	0	0	0	0	0	0	0
abnormal movements/stereotypics	(0-4)	0	0	0	0	0	0	0	0	0	0	0
gait	(0-7)	1	1	1	1	1	1	1	1	1	1	1
activity/arousal level	(0-4)	0	0	0	0	0	0	0	0	0	0	0
feces	(0-6)	0	0	0	0	0	0	0	0	0	0	0
urine	(0-3)	0	0	0	0	0	0	0	0	0	0	0
other findings		0	0	0	0	0	0	0	0	0	0	0

Table IIA - 1951
3-Dec-2018

FUNCTIONAL OBSERVATIONAL BATTERY

Project No.: 90R0066/05R034 (Cohort 2A)

Test group 12 60 mg/kg bw/d
female animals

Sensorimotor tests/reflexes	Rank	Animal No.		Individual values										day 75	
		721	722	723	724	725	726	727	728	729	730				
approach response	(0-3)	0	0	0	0	1	0	1	0	0	0				
touch response	(0-4)	0	0	0	0	0	0	0	0	0	0				
vision	(0-1)	0	0	0	0	0	0	0	0	0	0				
pupillary reflex	(0-3)	0	0	0	0	0	0	0	0	0	0				
pinna reflex	(0-1)	0	0	0	0	0	0	0	0	0	0				
audition	(0-3)	0	0	0	0	0	0	0	0	0	0				
coordination of movements	(0-3)	0	0	0	0	0	0	0	0	0	0				
behavior during handling	(0-3)	0	0	0	0	0	0	0	0	0	0				
vocalization	(0-3)	0	0	0	0	0	0	0	0	0	0				
pain perception	(0-3)	0	0	0	0	0	0	0	0	0	0				
other findings		0	0	0	0	0	0	0	0	0	0				

Table IIA - 1952
3-Dec-2018

FUNCTIONAL OBSERVATIONAL BATTERY

Project No.: 90R0066/05R034 (Cohort 2A)

Test group 13 180 mg/kg bw/d
female animals

Home cage observation	Rank	Animal No.	731	732	733	734	735	736	737	738	739	740
posture	(0-7)	1	1	1	1	1	1	1	1	1	1	1
tremors	(0-3)	0	0	0	0	0	0	0	0	0	0	0
convulsions	(0-3)	0	0	0	0	0	0	0	0	0	0	0
abnormal movements	(0-4)	0	0	0	0	0	0	0	0	0	0	0
gait	(0-7)	1	1	1	1	1	1	1	1	1	1	1
other findings		0	0	0	0	0	0	0	0	0	0	0

Table IIA - 1953
3-Dec-2018

FUNCTIONAL OBSERVATIONAL BATTERY

Project No.: 90R0066/05R034 (Cohort 2A)

Test group 13 180 mg/kg bw/d
female animals

Open field observations		Rank	731	732	733	734	735	736	737	738	739	740
behavior on removal from the cage	(0-4)	0	0	0	0	0	0	0	0	0	0	0
fur	(0-5)	0	0	0	0	0	0	0	0	0	0	0
skin	(0-7)	0	0	0	0	0	0	0	0	0	0	0
salivation	(0-3)	0	0	0	0	0	0	0	0	0	0	0
nasal discharge	(0-2)	0	0	0	0	0	0	0	0	0	0	0
lacrimation	(0-3)	0	0	0	0	0	0	0	0	0	0	0
eyes/pupil size	(0-7)	0	0	0	0	0	0	0	0	0	0	0
posture	(0-7)	1	1	1	1	1	1	1	1	1	1	1
palpebral closure	(0-3)	0	0	0	0	0	0	0	0	0	0	0
respiration	(0-4)	0	0	0	0	0	0	0	0	0	0	0
tremors	(0-3)	0	0	0	0	0	0	0	0	0	0	0
convulsions	(0-3)	0	0	0	0	0	0	0	0	0	0	0
abnormal movements/stereotypics	(0-4)	0	0	0	0	0	0	0	0	0	0	0
gait	(0-7)	1	1	1	1	1	1	1	1	1	1	1
activity/arousal level	(0-4)	0	0	0	0	0	0	0	0	0	0	0
feces	(0-6)	0	0	0	0	0	0	0	0	0	0	0
urine	(0-3)	0	0	0	0	0	0	0	0	0	0	0
other findings		0	0	0	0	0	0	0	0	0	0	0

Table IIA - 1954
3-Dec-2018

FUNCTIONAL OBSERVATIONAL BATTERY

Project No.: 90R0066/05R034 (Cohort 2A)

Test group 13 180 mg/kg bw/d
female animals

Sensorimotor tests/reflexes	Rank	Animal No.		Individual values								day 75	
		731	732	733	734	735	736	737	738	739	740		
approach response	(0-3)	0	0	0	0	0	0	0	0	0	0	0	0
touch response	(0-4)	0	0	0	0	0	0	0	0	0	0	0	0
vision	(0-1)	0	0	0	0	0	0	0	0	0	0	0	0
pupillary reflex	(0-3)	0	0	0	0	0	0	0	0	0	0	0	0
pinna reflex	(0-1)	0	0	0	0	0	0	0	0	0	0	0	0
audition	(0-3)	0	0	0	0	0	0	0	0	0	0	0	0
coordination of movements	(0-3)	0	0	0	0	0	0	0	0	0	0	0	0
behavior during handling	(0-3)	0	0	0	0	0	0	0	0	0	0	0	0
vocalization	(0-3)	0	0	0	0	0	0	0	0	0	0	0	0
pain perception	(0-3)	0	0	0	0	0	0	0	0	0	0	0	0
other findings		0	0	0	0	0	0	0	0	0	0	0	0

IIA- 1955
03-Dec-2018 21:14
Ascentos™ 1.3

Study 90R0066/05R034_FOB

Individual Functional Observational Battery

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Rearing [N] day 75	GS F [Newton] day 75	GS H [Newton] day 75	FST [cm] day 75
Test Group 10/M 0 mg/kg bw/d	601	8	8.5	5.5	14.2
	602	10	9.4	4.4	10.5
	603	7	11.2	6.0	11.8
	604	9	9.6	5.6	12.5
	605	3	9.8	6.1	14.0
	606	9	10.1	6.0	11.5
	607	12	9.0	4.6	11.2
	608	8	9.6	6.2	12.2
	609	11	9.6	7.2	13.0
	610	6	10.4	5.4	14.8

IIA- 1956
03-Dec-2018 21:14
Ascentos™ 1.3

Study 90R0066/05R034_FOB

Individual Functional Observational Battery

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Rearing [N] day 75	GS F [Newton] day 75	GS H [Newton] day 75	FST [cm] day 75
Test Group 11/M 20 mg/kg bw/d	611	8	12.3	8.4	11.0
	612	8	9.4	4.8	10.8
	613	10	8.4	5.2	9.0
	614	8	11.3	5.4	13.2
	615	4	9.2	3.8	13.0
	616	8	11.9	5.9	9.2
	617	9	11.2	6.2	13.5
	618	14	10.3	5.4	15.0
	619	6	8.0	5.3	9.8
	620	10	9.4	3.9	11.5

IIA- 1957
03-Dec-2018 21:14
Ascentos™ 1.3

Study 90R0066/05R034_FOB

Individual Functional Observational Battery

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Rearing [N] day 75	GS F [Newton] day 75	GS H [Newton] day 75	FST [cm] day 75
Test Group 12/M 60 mg/kg bw/d	621	8	10.2	6.0	13.8
	622	9	10.8	6.4	13.2
	623	6	11.2	5.4	13.0
	624	5	10.2	5.2	13.2
	625	3	9.6	6.3	12.5
	626	5	12.5	8.2	11.8
	627	10	9.6	5.9	11.8
	628	6	9.8	6.8	11.8
	629	5	12.0	4.8	14.8
	630	7	9.0	5.8	12.2

IIA- 1958
03-Dec-2018 21:14
Ascentos™ 1.3

Study 90R0066/05R034_FOB

Individual Functional Observational Battery

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Rearing [N] day 75	GS F [Newton] day 75	GS H [Newton] day 75	FST [cm] day 75
Test Group 13/M 180 mg/kg bw/d	631	2	10.2	5.6	13.8
	632	8	10.1	6.4	10.0
	633	8	9.5	6.0	10.8
	634	10	9.2	6.6	11.0
	635	5	11.4	4.6	12.0
	636	7	10.6	6.8	15.2
	637	4	8.2	5.4	12.0
	638	2	13.7	9.1	13.8
	639	9	10.4	6.2	11.0
	640	8	10.0	6.4	10.5

IIA- 1959

03-Dec-2018 21:16

Ascentos™ 1.3

Study 90R0066/05R034_FOB

Individual Functional Observational Battery

Sex: Female - Phase: In-life

Dose Group	Animal Number	Rearing [N] day 75	GS F [Newton] day 75	GS H [Newton] day 75	FST [cm] day 75
Test Group 10/F 0 mg/kg bw/d	701	8	6.7	4.8	10.2
	702	7	6.4	4.1	7.2
	703	17	7.8	4.0	11.5
	704	14	8.4	4.4	9.0
	705	11	8.0	4.4	13.2
	706	10	6.6	3.0	8.0
	707	15	7.8	5.0	9.5
	708	13	9.5	4.8	9.8
	709	12	7.3	5.4	10.2
	710	17	10.0	4.5	12.2

IIA- 1960
03-Dec-2018 21:16
Ascentos™ 1.3

Study 90R0066/05R034_FOB

Individual Functional Observational Battery

Sex: Female - Phase: In-life

Dose Group	Animal Number	Rearing [N] day 75	GS F [Newton] day 75	GS H [Newton] day 75	FST [cm] day 75
Test Group 11/F 20 mg/kg bw/d	711	11	6.6	4.5	9.2
	712	11	10.5	6.2	13.2
	713	14	8.8	3.6	13.2
	714	21	6.8	3.0	10.2
	715	13	9.6	5.4	12.2
	716	13	8.8	4.6	10.8
	717	16	8.3	3.9	10.8
	718	12	7.0	3.0	13.0
	719	8	6.1	4.4	9.0
	720	15	7.4	4.3	12.2

IIA- 1961
03-Dec-2018 21:16
Ascentos™ 1.3

Study 90R0066/05R034_FOB

Individual Functional Observational Battery

Sex: Female - Phase: In-life

Dose Group	Animal Number	Rearing [N] day 75	GS F [Newton] day 75	GS H [Newton] day 75	FST [cm] day 75
Test Group 12/F 60 mg/kg bw/d	721	12	7.6	4.2	8.0
	722	7	6.1	3.5	10.0
	723	12	9.5	4.8	10.0
	724	8	7.0	4.7	11.5
	725	11	8.0	4.2	12.8
	726	13	7.8	4.8	10.2
	727	7	6.4	3.9	10.0
	728	17	5.8	4.6	8.5
	729	22	7.6	5.4	10.8
	730	16	8.5	5.8	12.5

IIA- 1962
03-Dec-2018 21:16
Ascentos™ 1.3

Study 90R0066/05R034_FOB

Individual Functional Observational Battery

Sex: Female - Phase: In-life

Dose Group	Animal Number	Rearing [N] day 75	GS F [Newton] day 75	GS H [Newton] day 75	FST [cm] day 75
Test Group 13/F 180 mg/kg bw/d	731	13	10.0	4.4	6.8
	732	11	9.3	5.2	14.5
	733	18	9.4	4.8	10.0
	734	15	7.6	6.2	11.2
	735	15	8.8	4.7	11.8
	736	12	8.6	5.1	10.8
	737	8	8.1	4.9	12.5
	738	9	7.9	3.8	11.0
	739	11	7.0	3.6	11.5
	740	14	9.3	4.8	10.8

BASF																	
Project Number 90R0066/05R034																	
INDIVIDUAL DATA LISTING WITH MEANS																	
MOTOR ACTIVITY DAY 75																	
M A L E S																	
IIA-1963																	
PRINT DATE 04MAY18																	
	Animal No.	Interv. 1 Beam	Interv. 1 Interr.	Interv. 2 Beam	Interv. 2 Interr.	Interv. 3 Beam	Interv. 3 Interr.	Interv. 4 Beam	Interv. 4 Interr.	Interv. 5 Beam	Interv. 5 Interr.	Interv. 6 Beam	Interv. 6 Interr.	Interv. 7 Beam	Interv. 7 Interr.	Interv. 8 Beam	Interv. 8 Interr.
TEST GROUP 10																	
0 MG/KG BW/D																	
	601	1047		548		435		380		300		102		2		4	
	602	986		1028		313		12		0		150		16		71	
	603	1114		757		456		320		337		250		299		198	
	604	926		591		342		70		102		11		56		12	
	605	925		505		394		207		2		2		21		0	
	606	972		433		367		231		251		6		11		1	
	607	1309		754		458		407		217		96		14		23	
	608	909		588		410		293		46		1		0		10	
	609	1426		734		555		564		539		227		112		4	
	610	1107		605		334		177		78		4		33		0	
M		1072.1		654.3		406.4		266.1		187.2		84.9		56.4		32.3	
SD		173.8		169.9		72.9		163.6		174.0		96.8		91.5		62.0	
N		10		10		10		10		10		10		10		10	
TEST GROUP 11																	
20 MG/KG BW/D																	
	611	1153		616		283		371		397		375		167		37	
	612	1204		897		229		579		424		168		19		0	
	613	711		488		234		292		192		64		11		1	
	614	622		656		202		311		250		216		69		49	
	615	874		602		505		400		15		0		40		12	
	616	1001		610		205		11		24		6		39		3	
	617	924		561		351		338		52		4		1		0	
	618	1246		586		504		539		188		296		260		303	
	619	849		555		374		265		263		205		351		379	
	620	1121		579		399		177		89		0		0		67	
M		970.5		615.0		328.6		328.3		189.4		133.4		95.7		85.1	
SD		211.4		108.6		116.3		164.5		146.8		138.0		122.7		138.0	
N		10		10		10		10		10		10		10		10	

BASF Project Number 90R0066/05R034 INDIVIDUAL DATA LISTING WITH MEANS									
MOTOR ACTIVITY DAY 75									
IIT-1964 PRINT DATE 04MAY18									
M A L E S	Animal No.	Interv. 1 Beam Interr.	Interv. 2 Beam Interr.	Interv. 3 Beam Interr.	Interv. 4 Beam Interr.	Interv. 5 Beam Interr.	Interv. 6 Beam Interr.	Interv. 7 Beam Interr.	Interv. 8 Beam Interr.
TEST GROUP 12 60 MG/KG BW/D									
	621	763	478	400	217	152	12	17	38
	622	1018	424	227	70	14	15	6	4
	623	841	597	578	171	0	9	12	3
	624	1093	423	485	98	17	68	15	3
	625	870	520	368	210	18	19	0	17
	626	800	580	472	460	108	9	0	2
	627	902	789	447	338	24	39	40	20
	628	929	723	613	399	410	496	110	6
	629	1438	627	170	4	13	25	12	14
	630	883	700	497	206	384	154	7	9
	M	953.7	586.1	425.7	217.3	114.0	84.6	21.9	11.6
	SD	196.1	126.3	140.8	145.4	157.0	151.2	33.0	11.2
	N	10	10	10	10	10	10	10	10
TEST GROUP 13 180 MG/KG BW/D									
	631	1045	410	403	197	112	8	4	13
	632	544	528	196	55	17	23	33	2
	633	811	749	429	314	216	73	0	53
	634	1034	645	191	140	75	3	4	14
	635	705	509	417	211	291	207	5	54
	636	844	376	230	157	132	0	6	24
	637	791	396	336	3	65	0	5	2
	638	907	404	348	266	117	10	12	0
	639	1354	890	682	550	552	405	416	139
	640	1061	475	284	578	217	167	27	29
	M	909.6	538.2	351.6	247.1	179.4	89.6	51.2	33.0
	SD	225.5	171.8	145.9	190.3	154.6	133.5	128.6	42.1
	N	10	10	10	10	10	10	10	10

IIA-1965
PRINT DATE 04MAY18

BASF
Project Number 90R0066/05R034
INDIVIDUAL DATA LISTING WITH MEANS
MOTOR ACTIVITY DAY 75

M A L E S

Animal No.	Interv. 9 Beam Interr.	Interv. 10 Beam Interr.	Interv. 11 Beam Interr.	Interv. 12 Beam Interr.
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TEST GROUP 10
0 MG/KG BW/D

601	34	11	5	9
602	23	43	54	0
603	81	1	0	0
604	1	0	0	18
605	0	0	0	25
606	3	15	2	28
607	0	1	0	0
608	0	47	0	0
609	0	0	0	32
610	20	19	1	48

M
SD
N

16.2	13.7	6.2	16.0
25.9	17.9	16.9	16.9
10	10	10	10

TEST GROUP 11
20 MG/KG BW/D

611	5	6	13	29
612	42	6	42	1
613	14	64	28	26
614	8	32	47	4
615	45	25	0	29
616	15	2	32	58
617	11	0	0	14
618	305	168	61	45
619	325	147	267	49
620	1	32	46	9

M
SD
N

77.1	48.2	53.6	26.4
126.3	61.0	77.7	19.6
10	10	10	10

BASF
 Project Number 90R0066/05R034
 INDIVIDUAL DATA LISTING WITH MEANS
 MOTOR ACTIVITY DAY 75
 IIA-1966
 PRINT DATE 04MAY18

M A L E S

TEST GROUP 12
60 MG/KG BW/D

Animal No.	Interv. 9 Beam Interr.	Interv. 10 Beam Interr.	Interv. 11 Beam Interr.	Interv. 12 Beam Interr.
621	3	0	105	61
622	33	4	1	2
623	2	57	2	11
624	18	5	27	0
625	1	0	0	10
626	2	1	25	0
627	2	4	26	41
628	4	0	42	76
629	19	19	8	53
630	67	30	12	37

M

SD

N

15.1

21.1

10

12.0

18.6

10

24.8

31.4

10

29.1

28.1

10

TEST GROUP 13
180 MG/KG BW/D

631	16	32	31	14
632	21	21	0	2
633	47	9	7	1
634	23	0	6	12
635	32	50	124	8
636	17	4	5	43
637	6	17	13	76
638	2	0	1	7
639	109	60	4	1
640	1	8	48	2
M	27.4	20.1	23.9	16.6
SD	31.9	21.0	38.3	24.3
N	10	10	10	10

INDIVIDUAL DATA LISTING WITH MEANS									
REARING									
DAY 75									
IIA-1967									
PRINT DATE 04MAY18									
M A L E S									
TEST GROUP 10									
0 MG/KG BW/D									
Animal No.	Interv. 1 Beam Interr.	Interv. 2 Beam Interr.	Interv. 3 Beam Interr.	Interv. 4 Beam Interr.	Interv. 5 Beam Interr.	Interv. 6 Beam Interr.	Interv. 7 Beam Interr.	Interv. 8 Beam Interr.	
601	325	144	202	125	110	6	0	0	
602	210	76	7	0	0	16	0	0	
603	194	103	52	51	23	33	19	3	
604	201	94	30	0	1	0	0	0	
605	202	177	90	21	0	0	0	0	
606	227	96	95	39	12	0	0	0	
607	232	131	117	100	7	0	0	0	
608	236	186	118	63	13	0	0	0	
609	306	98	106	111	50	23	0	0	
610	209	111	56	17	0	0	0	0	
M	234.2	121.6	87.3	52.7	21.6	7.8	1.9	0.3	
SD	45.3	37.0	55.1	45.9	34.7	12.0	6.0	0.9	
N	10	10	10	10	10	10	10	10	
TEST GROUP 11									
20 MG/KG BW/D									
611	290	159	10	25	77	3	6	0	
612	234	185	5	97	51	0	0	0	
613	211	87	33	67	7	0	0	0	
614	192	143	33	94	15	8	0	0	
615	145	95	71	50	0	0	0	0	
616	270	163	24	0	0	0	0	0	
617	182	146	73	1	0	0	0	0	
618	301	210	136	181	81	53	66	67	
619	193	140	112	74	77	48	23	38	
620	350	163	33	16	3	0	0	0	
M	236.8	149.1	53.0	60.5	31.1	11.2	9.5	10.5	
SD	64.0	37.1	43.8	55.5	35.9	20.9	21.1	23.2	
N	10	10	10	10	10	10	10	10	

INDIVIDUAL DATA LISTING WITH MEANS									
REARING									
DAY 75									
IIT-1968									
PRINT DATE 04MAY18									
M A L E S									
TEST GROUP 12									
60 MG/KG BW/D									
Animal No.	Interv. 1 Beam	Interv. 1 Interr.	Interv. 2 Beam	Interv. 2 Interr.	Interv. 3 Beam	Interv. 3 Interr.	Interv. 4 Beam	Interv. 4 Interr.	Interv. 5 Beam
621	222	90	32	29	0	0	0	0	0
622	212	61	0	0	0	0	0	0	0
623	170	113	3	0	0	0	0	0	0
624	183	75	0	0	0	0	0	0	0
625	181	167	6	0	0	0	0	0	0
626	215	188	47	1	0	0	0	0	0
627	317	251	42	0	0	0	0	0	0
628	226	137	76	29	92	0	0	0	0
629	268	132	0	0	0	0	0	0	0
630	192	156	55	74	0	0	0	0	0
M	218.6	137.0	26.1	13.3	9.2	0.0	0.0	0.0	0.0
SD	44.7	57.0	28.0	24.5	29.1	0.0	0.0	0.0	0.0
N	10	10	10	10	10	10	10	10	10
TEST GROUP 13									
180 MG/KG BW/D									
Animal No.	Interv. 1 Beam	Interv. 1 Interr.	Interv. 2 Beam	Interv. 2 Interr.	Interv. 3 Beam	Interv. 3 Interr.	Interv. 4 Beam	Interv. 4 Interr.	Interv. 5 Beam
631	350	74	6	0	0	0	0	0	0
632	148	102	0	0	0	0	0	0	0
633	212	117	18	35	0	0	0	0	0
634	259	95	10	0	0	0	0	0	0
635	195	101	19	47	43	0	0	0	0
636	177	97	41	19	0	0	0	0	0
637	173	121	0	0	0	0	0	0	0
638	262	133	46	0	0	0	0	0	0
639	287	196	121	114	70	29	4	4	4
640	240	126	88	32	0	0	0	0	0
M	230.3	116.2	34.9	24.7	11.3	2.9	0.4	0.4	0.4
SD	61.4	33.0	40.6	36.1	24.7	9.2	1.3	1.3	1.3
N	10	10	10	10	10	10	10	10	10

BASF
 Project Number 90R0066/05R034
 INDIVIDUAL DATA LISTING WITH MEANS
 M A L E S
 IIA-1969
 PRINT DATE 04MAY18
 DAY 75
 REARING

Animal No.	Interv. 9 Beam Interr.	Interv. 10 Beam Interr.	Interv. 11 Beam Interr.	Interv. 12 Beam Interr.
TEST GROUP 10 0 MG/KG BW/D				
601	0	0	0	0
602	0	0	0	0
603	10	0	0	0
604	0	0	0	0
605	0	0	0	0
606	0	0	0	0
607	0	0	0	0
608	0	0	0	0
609	0	0	0	0
610	0	0	0	0
M	1.0	0.0	0.0	0.0
SD	3.2	0.0	0.0	0.0
N	10	10	10	10
TEST GROUP 11 20 MG/KG BW/D				
611	0	0	0	0
612	0	0	0	0
613	0	0	0	0
614	0	0	0	0
615	0	0	0	0
616	0	0	0	0
617	0	0	0	0
618	17	0	0	5
619	55	21	16	1
620	0	4	0	0
M	7.2	2.5	1.6	0.6
SD	17.6	6.6	5.1	1.6
N	10	10	10	10

IIA-1970
PRINT DATE 04MAY18

BASE Project Number 90R0066/05R034		REARING		DAY 75	
INDIVIDUAL DATA LISTING WITH MEANS					
M A L E S					
Animal No.	Interv. 9 Beam Interr.	Interv. 10 Beam Interr.	Interv. 11 Beam Interr.	Interv. 12 Beam Interr.	
TEST GROUP 12					
60 MG/KG BW/D					
621	0	0	0	0	0
622	0	0	0	0	0
623	0	0	0	0	0
624	0	0	0	0	0
625	0	0	0	0	0
626	0	0	0	0	0
627	0	0	0	0	0
628	0	0	0	0	0
629	0	0	0	0	0
630	1	0	0	0	0
M	0.1	0.0	0.0	0.1	0.1
SD	0.3	0.0	0.0	0.0	0.3
N	10	10	10	10	10
TEST GROUP 13					
180 MG/KG BW/D					
631	0	0	0	0	0
632	0	0	0	0	0
633	0	0	0	0	0
634	0	0	0	0	0
635	0	0	0	0	0
636	0	0	0	0	0
637	0	0	0	0	4
638	0	0	0	0	0
639	0	0	0	0	0
640	0	0	0	0	0
M	0.0	0.0	0.0	0.0	0.4
SD	0.0	0.0	0.0	0.0	1.3
N	10	10	10	10	10

BASF Project Number 90R0066/05R034															
INDIVIDUAL DATA LISTING WITH MEANS															
F E M A L E S															
MOTOR ACTIVITY DAY 75															
IIT-1971															
PRINT DATE 04MAY18															
	Animal No.	Interv. 1 Beam Interr.	Interv. 2 Beam Interr.	Interv. 3 Beam Interr.	Interv. 4 Beam Interr.	Interv. 5 Beam Interr.	Interv. 6 Beam Interr.	Interv. 7 Beam Interr.	Interv. 8 Beam Interr.						
TEST GROUP 10															
0 MG/KG BW/D															
	701	896	750	336	120	4	1	18	0						
	702	1600	697	323	289	493	107	3	22						
	703	993	897	319	176	3	24	22	64						
	704	1036	500	149	275	277	116	47	3						
	705	1187	702	659	381	290	106	0	4						
	706	1039	586	335	375	150	0	5	0						
	707	1841	635	501	560	371	282	174	16						
	708	1622	571	828	595	543	361	369	14						
	709	1581	539	444	501	342	178	36	2						
	710	1230	1164	1096	680	764	899	345	259						
M		1302.5	704.1	499.0	395.2	323.7	207.4	101.9	38.4						
SD		329.7	199.0	285.3	185.4	238.5	270.0	143.7	79.9						
N		10	10	10	10	10	10	10	10						
TEST GROUP 11															
20 MG/KG BW/D															
	711	1501	731	514	250	6	2	0	16						
	712	1816	1164	1420	642	616	339	78	97						
	713	800	544	287	147	216	7	10	7						
	714	1685	765	634	380	355	95	8	14						
	715	1184	814	577	1240	616	294	313	65						
	716	958	421	246	165	8	3	102	10						
	717	1339	684	453	344	298	13	24	80						
	718	1713	1333	649	524	584	226	254	156						
	719	1127	506	339	272	85	10	32	39						
	720	1066	557	339	324	363	86	1	8						
M		1318.9	751.9	545.8	428.8	314.7	107.5	82.2	49.2						
SD		347.8	292.1	339.2	323.0	238.1	130.6	112.1	49.8						
N		10	10	10	10	10	10	10	10						

BASF Project Number 90R0066/05R034 INDIVIDUAL DATA LISTING WITH MEANS															
F E M A L E S															
MOTOR ACTIVITY DAY 75															
IIT-1972 PRINT DATE 04MAY18															
Animal No.	Interv. 1 Beam Interr.	Interv. 2 Beam Interr.	Interv. 3 Beam Interr.	Interv. 4 Beam Interr.	Interv. 5 Beam Interr.	Interv. 6 Beam Interr.	Interv. 7 Beam Interr.	Interv. 8 Beam Interr.							
TEST GROUP 12 60 MG/KG BW/D															
721	1193	845	423	353	632	261	26	0							
722	1175	545	286	325	38	7	8	260							
723	1055	576	427	321	85	5	6	4							
724	877	436	260	361	118	5	24	59							
725	1087	875	432	285	210	150	7	2							
726	1412	528	941	635	115	0	0	0							
727	950	470	306	169	6	2	36	8							
728	1102	518	335	55	4	12	11	21							
729	1400	1113	748	1074	343	159	6	151							
730	1558	827	595	707	606	307	56	71							
M	1180.9	673.3	475.3	428.5	215.7	90.8	18.0	57.6							
SD	216.1	225.1	221.9	297.6	235.5	119.2	17.5	85.8							
N	10	10	10	10	10	10	10	10							
TEST GROUP 13 180 MG/KG BW/D															
731	1528	1044	204	117	14	4	19	73							
732	1296	802	512	327	155	11	0	194							
733	1549	724	400	180	105	2	0	67							
734	1287	679	228	320	133	0	48	23							
735	956	488	256	275	0	40	7	4							
736	1439	935	479	608	688	498	562	174							
737	1030	722	386	208	24	37	32	13							
738	1484	908	192	34	3	5	58	6							
739	1143	641	282	156	13	2	1	1							
740	1205	883	747	676	248	307	254	219							
M	1291.7	782.6	368.6	290.1	138.3	90.6	98.1	77.4							
SD	208.6	164.1	174.9	206.8	210.1	171.0	179.9	86.0							
N	10	10	10	10	10	10	10	10							

IIA-1973
PRINT DATE 04MAY18

BASF
Project Number 90R0066/05R034
INDIVIDUAL DATA LISTING WITH MEANS
MOTOR ACTIVITY DAY 75

F E M A L E S					
Animal No.	Interv. 9 Beam Interr.	Interv. 10 Beam Interr.	Interv. 11 Beam Interr.	Interv. 12 Beam Interr.	
TEST GROUP 10					
0 MG/KG BW/D					
701	58	121	10	74	
702	63	32	0	52	
703	18	25	70	208	
704	3	5	35	4	
705	9	40	75	14	
706	81	7	2	42	
707	0	10	60	110	
708	4	192	9	0	
709	0	2	17	0	
710	108	1	20	10	
M	34.4	43.5	29.8	51.4	
SD	39.7	63.3	28.6	66.0	
N	10	10	10	10	
TEST GROUP 11					
20 MG/KG BW/D					
711	6	51	30	113	
712	2	1	6	1	
713	18	0	0	0	
714	9	18	31	5	
715	28	34	0	12	
716	13	23	5	87	
717	4	21	13	12	
718	11	18	40	64	
719	29	0	110	3	
720	7	24	9	3	
M	12.7	19.0	24.4	30.0	
SD	9.5	16.1	33.2	41.9	
N	10	10	10	10	

IIA-1974
PRINT DATE 04MAY18

BASF
Project Number 90R0066/05R034
INDIVIDUAL DATA LISTING WITH MEANS
MOTOR ACTIVITY DAY 75

F E M A L E S					
Animal No.	Interv. 9 Beam Interr.	Interv. 10 Beam Interr.	Interv. 11 Beam Interr.	Interv. 12 Beam Interr.	
TEST GROUP 12					
60 MG/KG BW/D					
721	0	57	1	15	
722	221	35	3	23	
723	13	8	0	262	
724	25	18	9	18	
725	8	52	32	34	
726	4	10	1	22	
727	30	58	387	566	
728	0	7	3	267	
729	53	54	78	8	
730	9	80	6	21	
M	36.3	37.9	52.0	123.6	
SD	66.9	25.9	120.2	185.8	
N	10	10	10	10	
TEST GROUP 13					
180 MG/KG BW/D					
731	17	2	34	51	
732	0	10	3	24	
733	0	1	1	43	
734	2	12	24	117	
735	50	4	62	0	
736	57	7	16	6	
737	18	2	2	7	
738	18	0	4	6	
739	73	21	32	1	
740	143	15	7	9	
M	37.8	7.4	18.5	26.4	
SD	44.9	7.0	19.8	36.4	
N	10	10	10	10	

INDIVIDUAL DATA LISTING WITH MEANS									
REARING									
DAY 75									
IIT-1975									
PRINT DATE 04MAY18									
F E M A L E S									
Animal No.	Interv. 1 Beam Interr.	Interv. 2 Beam Interr.	Interv. 3 Beam Interr.	Interv. 4 Beam Interr.	Interv. 5 Beam Interr.	Interv. 6 Beam Interr.	Interv. 7 Beam Interr.	Interv. 8 Beam Interr.	
TEST GROUP 10									
0 MG/KG BW/D									
701	193	129	38	0	0	0	0	0	
702	272	153	24	13	35	0	0	0	
703	311	192	18	4	0	0	0	0	
704	204	141	18	64	35	4	9	0	
705	278	157	217	99	38	3	0	0	
706	217	90	105	69	4	0	0	0	
707	361	207	83	140	36	35	2	0	
708	244	109	33	62	61	67	36	0	
709	275	135	91	77	28	16	10	0	
710	234	167	108	99	90	62	16	21	
M	258.9	148.0	73.5	62.7	32.7	18.7	7.3	2.1	
SD	51.5	35.5	62.1	45.6	28.1	26.5	11.6	6.6	
N	10	10	10	10	10	10	10	10	
TEST GROUP 11									
20 MG/KG BW/D									
711	272	145	52	48	0	0	0	0	
712	423	410	61	58	47	38	5	0	
713	203	87	31	6	42	0	0	0	
714	204	104	94	45	36	0	0	0	
715	232	180	163	77	83	62	45	0	
716	245	108	61	20	0	0	2	0	
717	239	155	124	40	53	0	0	0	
718	305	146	73	70	48	13	24	14	
719	173	90	81	16	3	0	0	0	
720	252	107	40	33	27	0	0	0	
M	254.8	153.2	78.0	41.3	33.9	11.3	7.6	1.4	
SD	69.9	95.3	40.2	23.2	26.9	21.6	15.1	4.4	
N	10	10	10	10	10	10	10	10	

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Project Number 90R0066/05R034									
INDIVIDUAL DATA LISTING WITH MEANS									
F E M A L E S									
REARING									
DAY 75									
IIA-1976									
PRINT DATE 04MAY18									

BASF
Project Number 90R0066/05R034
INDIVIDUAL DATA LISTING WITH MEANS
F E M A L E S
IIA-1977
PRINT DATE 04MAY18

REARING DAY 75

Animal No. Interv.9 Beam Interr. Interv.10 Beam Interr. Interv.11 Beam Interr. Interv.12 Beam Interr.

TEST GROUP 10
0 MG/KG BW/D

701	0	0	12	0	0	0	0
702	0	0	0	0	0	0	0
703	0	0	0	0	0	23	0
704	0	0	0	0	0	0	0
705	0	0	0	0	0	0	0
706	0	0	0	0	0	0	0
707	0	0	0	0	0	0	0
708	0	0	21	0	0	0	0
709	0	0	0	0	0	0	0
710	0	0	0	0	0	0	0

M	0.0	3.3	0.0	2.3
SD	0.0	7.3	0.0	7.3
N	10	10	10	10

TEST GROUP 11
20 MG/KG BW/D

711	0	0	0	5
712	0	0	0	0
713	0	0	0	0
714	0	0	0	0
715	0	0	0	0
716	0	0	0	1
717	0	0	0	0
718	0	0	0	0
719	0	0	23	1
720	0	0	0	0

M	0.0	0.0	2.4	0.7
SD	0.0	0.0	7.2	1.6
N	10	10	10	10

IIA-1978
PRINT DATE 04MAY18

BASF Project Number 90R0066/05R034		REARING		DAY 75	
INDIVIDUAL DATA LISTING WITH MEANS					
F E M A L E S					
Animal No.	Interv. 9 Beam Interr.	Interv. 10 Beam Interr.	Interv. 11 Beam Interr.	Interv. 12 Beam Interr.	
TEST GROUP 12					
60 MG/KG BW/D					
721	0	0	0	0	0
722	35	0	0	0	3
723	0	0	0	0	24
724	0	0	0	0	0
725	0	4	0	0	0
726	0	0	0	0	0
727	0	0	0	43	61
728	0	0	0	0	33
729	0	0	0	0	0
730	0	0	0	0	0
M	3.5	0.4	4.3	12.1	
SD	11.1	1.3	13.6	20.9	
N	10	10	10	10	
TEST GROUP 13					
180 MG/KG BW/D					
731	0	0	0	0	1
732	0	0	0	0	0
733	0	0	0	0	0
734	0	0	0	0	0
735	0	0	0	0	0
736	9	0	0	0	0
737	0	0	0	0	0
738	0	0	0	0	0
739	0	0	0	0	0
740	2	0	0	0	0
M	1.1	0.0	0.0	0.0	0.1
SD	2.8	0.0	0.0	0.0	0.3
N	10	10	10	10	10

Project No. 90R0066/05R034
Morris water maze on PND 60 +/-2
Learning

IIA-1979
SAS9.4 06MAY19

sex=M Day=1

Test group	Animal No.	Cumul. Dist. (cm) Trial 1	Cumul. Dist. (cm) Trial 2	Cumul. Dist. (cm) Trial 3	Cumul. Dist. (cm) Trial 4	Mean Cumul. Dist. (cm)
10	601	272788.53	257753.67	45706.93	224212.46	200115.40
10	602	100923.13	260961.64	109873.78	15698.71	121864.32
10	603	273808.49	255571.29	27717.96	26984.32	146020.52
10	604	132490.79	79146.31	42051.93	4372.96	64515.50
10	605	95265.88	73436.97	28687.86	24818.64	55552.34
10	606	167971.57	117059.47	11165.21	29659.34	81463.90
10	607	262878.96	198798.16	54831.62	210420.79	181732.38
10	608	194019.36	15063.06	48019.33	18355.58	68864.33
10	609	166487.59	95282.85	87138.76	5794.01	88675.80
10	610	264003.25	33231.18	54705.36	10417.54	90589.33
11	611	307026.55	39162.66	36582.93	37067.98	104960.03
11	612	241963.52	29544.62	57845.79	38223.96	91894.47
11	613	282156.87	71684.16	51404.06	278507.32	170938.10
11	614	129624.92	65195.14	51601.05	46187.38	73152.12
11	615	266594.47	52861.00	32834.92	13459.07	91437.37
11	616	173003.19	82517.84	62459.74	29872.57	86963.34
11	617	168744.91	211544.72	16114.42	15011.77	102853.96
11	618	266944.77	19904.30	142880.21	4813.71	108635.75
11	619	269292.79	291570.05	160438.81	66810.45	197028.03
11	620	275006.85	26942.03	297416.45	113860.62	178298.99
12	621	14155.20	126688.04	14290.35	38817.76	48487.84
12	622	282283.31	256557.00	27697.64	31145.70	149420.91
12	623	255798.82	17635.48	21594.03	104972.83	100000.29
12	624	182379.83	233873.51	58895.10	31854.88	126625.83
12	625	177229.67	202464.20	101328.62	101388.67	145590.29
12	626	266990.90	320717.02	34365.17	31155.32	163307.10
12	627	14698.36	242729.18	28481.64	45957.31	82966.62
12	628	236534.22	89184.87	54733.35	39478.64	104982.77
12	629	268791.91	167825.92	21802.27	9727.94	117037.01
12	630	247290.11	51052.46	20470.64	79874.97	99672.05
13	631	204589.17	114990.78	35508.22	34975.26	97515.86
13	632	280648.17	275508.95	105650.90	62611.53	181104.89
13	633	305687.22	9013.46	111832.44	4431.09	107741.05
13	634	130508.14	16572.01	86668.22	115308.70	87264.27
13	635	237232.16	17593.43	96908.85	12554.56	91072.25
13	636	172548.68	25145.18	44768.28	6470.88	62233.26
13	637	128405.31	61092.32	178351.85	51074.78	104731.07
13	638	269655.81	306069.88	35300.18	27451.20	159619.27
13	639	249830.07	21253.59	117092.85	92393.03	120142.39
13	640	262912.41	278089.76	150662.60	41193.28	183214.51

Project No. 90R0066/05R034
Morris water maze on PND 60 +/-2
Learning

IIA-1980
SAS9.4 06MAY19

sex=M Day=2

Test group	Animal No.	Cumul. Dist. (cm) Trial 1	Cumul. Dist. (cm) Trial 2	Cumul. Dist. (cm) Trial 3	Cumul. Dist. (cm) Trial 4	Mean Cumul. Dist. (cm)
10	601	39746.20	21825.24	9655.84	90837.23	40516.13
10	602	61008.57	20679.96	18977.08	62875.85	40885.37
10	603	187433.62	12459.81	61738.51	38540.12	75043.02
10	604	37354.53	6280.32	3137.96	41249.96	22005.69
10	605	9359.54	22061.65	19390.18	74730.26	31385.41
10	606	103039.56	17401.84	14422.30	33493.41	42089.28
10	607	102139.77	12332.87	4578.51	21362.04	35103.30
10	608	65386.65	35093.40	10787.72	5149.35	29104.28
10	609	260976.30	9676.27	22644.18	4518.82	74453.89
10	610	155098.19	8733.49	34418.44	7215.74	51366.47
11	611	35418.51	134984.66	14532.74	4147.06	47270.74
11	612	89129.25	37125.43	31811.75	12040.90	42526.83
11	613	205597.61	12954.70	8109.28	5440.78	58025.59
11	614	49053.55	6096.32	2879.51	18956.43	19246.45
11	615	61438.05	14292.12	9634.86	19079.49	26111.13
11	616	32057.93	16113.79	16451.66	41580.92	26551.08
11	617	80059.89	92834.97	11953.82	16547.54	50349.06
11	618	133729.94	15999.09	17457.04	4931.77	43029.46
11	619	27739.85	13929.41	13789.24	17829.27	18321.94
11	620	14261.39	44635.68	35357.40	51579.86	36458.58
12	621	237184.07	14356.10	11752.48	8242.86	67883.88
12	622	35055.39	29964.21	20647.87	9765.18	23858.16
12	623	294400.91	28583.97	61258.36	264919.76	162290.75
12	624	86309.44	28632.34	35022.13	30280.64	45061.14
12	625	76635.40	10433.40	14996.21	5457.61	26880.66
12	626	23257.49	9906.50	80755.57	10560.73	31120.07
12	627	24905.41	16270.44	4763.68	31214.02	19288.39
12	628	52301.78	22368.01	28308.14	22089.78	31266.93
12	629	11521.72	14829.73	13371.10	20213.91	14984.12
12	630	24343.69	7577.05	15715.25	56013.20	25912.30
13	631	33150.58	9154.27	12633.83	66233.43	30293.03
13	632	182231.84	13904.12	11594.48	23240.15	57742.65
13	633	23358.34	44055.95	49398.75	5824.01	30659.26
13	634	103649.79	14259.87	2742.48	13658.26	33577.60
13	635	21736.14	28325.23	38996.32	27056.51	27778.55
13	636	10085.61	10993.15	7181.33	35130.70	15847.70
13	637	247718.20	83555.06	6602.10	120546.61	114605.49
13	638	21895.87	163201.17	41283.60	20874.47	61813.78
13	639	108427.23	11391.77	55086.74	22300.64	49301.60
13	640	122409.46	12113.24	17363.28	5255.12	39285.28

Project No. 90R0066/05R034
Morris water maze on PND 60 +/-2
Learning

IIA-1981
SAS9.4 06MAY19

sex=M Day=3

Test group	Animal No.	Cumul. Dist. (cm) Trial 1	Cumul. Dist. (cm) Trial 2	Cumul. Dist. (cm) Trial 3	Cumul. Dist. (cm) Trial 4	Mean Cumul. Dist. (cm)
10	601	59119.28	14589.84	18675.84	12550.85	26233.95
10	602	12761.86	23253.95	6684.84	5143.38	11961.01
10	603	27619.60	50145.51	6186.67	39978.88	30982.67
10	604	51416.23	10389.60	4538.20	3824.90	17542.23
10	605	85683.79	27743.84	14682.01	43239.38	42837.26
10	606	25995.35	71046.32	35870.97	4287.09	34299.93
10	607	37329.44	56017.63	8551.85	32552.86	33612.95
10	608	24935.11	44492.62	5556.31	20177.83	23790.47
10	609	11384.69	45179.12	18627.65	27450.82	25660.57
10	610	48630.40	18161.57	8909.17	8796.47	21124.40
11	611	19009.60	14374.09	16952.43	29410.31	19936.61
11	612	17275.93	26314.90	9804.84	7144.11	15134.95
11	613	8231.56	17002.50	30150.62	42879.61	24566.07
11	614	42713.31	29270.72	19749.14	30856.23	30522.35
11	615	5004.75	6664.73	4672.33	6792.32	5783.53
11	616	125827.31	29913.34	8005.67	83534.27	61820.15
11	617	94504.27	11758.26	3820.95	20674.17	32689.41
11	618	32324.23	13816.64	4040.10	23352.14	18383.28
11	619	8081.39	10610.26	6957.82	22103.95	11938.36
11	620	9227.00	15050.10	11952.31	25395.52	15406.23
12	621	14862.40	33490.82	4345.24	6902.87	14900.33
12	622	18077.73	26294.70	5880.32	4742.31	13748.77
12	623	32886.88	13811.81	19879.34	11158.91	19434.24
12	624	11636.50	7383.83	33959.97	4984.42	14478.68
12	625	6500.72	35838.72	6155.32	7390.88	13971.41
12	626	12830.84	14229.69	32119.88	5887.11	16266.88
12	627	25889.89	16089.57	16279.76	6761.94	16255.29
12	628	34161.68	49560.89	12899.73	10486.85	26777.29
12	629	17744.78	5003.38	5984.71	14109.26	10710.53
12	630	7495.08	14317.42	24115.13	11355.51	14320.79
13	631	17513.83	36347.75	105189.69	35306.09	48589.34
13	632	113957.25	15200.45	23765.47	5562.74	39621.48
13	633	56577.81	8122.03	5006.08	26201.84	23976.94
13	634	8999.32	9592.56	29240.86	4050.46	12970.80
13	635	33129.84	52441.16	4390.10	9798.98	24940.02
13	636	6072.62	15215.39	5712.53	17576.76	11144.32
13	637	24982.29	8331.87	18022.29	5359.49	14173.99
13	638	83430.61	10183.62	6501.26	38566.05	34670.38
13	639	29012.49	7706.91	16455.11	4576.33	14437.71
13	640	65185.50	12879.95	5717.41	9056.75	23209.90

Project No. 90R0066/05R034
Morris water maze on PND 60 +/-2
Learning

IIA-1982
SAS9.4 06MAY19

sex=M Day=4

Test group	Animal No.	Cumul. Dist. (cm) Trial 1	Cumul. Dist. (cm) Trial 2	Cumul. Dist. (cm) Trial 3	Cumul. Dist. (cm) Trial 4	Mean Cumul. Dist. (cm)
10	601	81666.23	15387.95	32805.45	15842.32	36425.49
10	602	36722.61	18504.59	11084.08	24462.37	22693.41
10	603	66477.12	35314.46	14695.12	29495.52	36495.55
10	604	19708.33	46579.63	9430.02	18073.85	23447.96
10	605	32125.17	18509.33	17104.56	8326.98	19016.51
10	606	20266.78	74795.65	19361.61	14905.21	32332.31
10	607	31778.14	7824.16	11097.35	5742.43	14110.52
10	608	8867.63	11110.09	32764.18	11175.25	15979.29
10	609	23811.48	30817.79	21136.31	4172.46	19984.51
10	610	13286.62	12384.34	14841.96	8840.28	12338.30
11	611	37466.61	11997.77	24081.47	9214.37	20690.06
11	612	13778.09	24494.09	105755.39	32632.37	44164.99
11	613	19152.81	12028.27	10213.08	5162.40	11639.14
11	614	90430.20	20669.82	29246.20	12347.93	38173.54
11	615	3641.22	7040.45	6040.02	4042.88	5191.14
11	616	12203.08	138237.69	19081.35	5601.96	43781.02
11	617	140907.47	10269.23	7375.56	4808.29	40840.14
11	618	8983.64	12984.10	5385.51	20113.18	11866.61
11	619	38718.02	43503.98	52672.21	29921.94	41204.04
11	620	9894.09	28571.76	16905.46	139061.01	48608.08
12	621	206778.88	142901.06	147473.01	42034.79	134796.94
12	622	4305.97	9862.04	11058.07	4644.90	7467.75
12	623	11724.28	10278.84	5470.04	47380.24	18713.35
12	624	24806.20	14688.98	34749.71	46763.92	30252.20
12	625	3636.45	38212.04	6421.06	25687.12	18489.17
12	626	6819.33	9320.67	7750.32	4686.90	7144.31
12	627	52717.50	11932.99	16874.46	6921.76	22111.68
12	628	120787.74	10281.19	21192.76	4104.04	39091.43
12	629	8660.06	11787.40	6469.93	2507.08	7356.12
12	630	24757.33	25886.84	39926.08	4073.56	23660.95
13	631	245563.59	11897.18	55058.48	35626.25	87036.38
13	632	57684.97	38963.89	10104.91	17804.79	31139.64
13	633	4301.69	54925.57	6728.12	7932.08	18471.87
13	634	5708.15	23763.10	13539.33	5156.45	12041.76
13	635	209954.00	245989.96	8711.87	4270.17	117231.50
13	636	5538.27	9846.52	7371.19	5548.11	7076.02
13	637	18148.96	17968.36	10601.65	44849.38	22892.09
13	638	247566.85	15008.06	6665.35	10380.33	69905.15
13	639	11177.59	6275.48	18118.66	20682.07	14063.45
13	640	56844.93	41652.68	31195.90	4940.18	33658.42

Project No. 90R0066/05R034
Morris water maze on PND 60 +/-2
Learning

IIA-1983
SAS9.4 06MAY19

sex=F Day=1

Test group	Animal No.	Cumul. Dist. (cm) Trial 1	Cumul. Dist. (cm) Trial 2	Cumul. Dist. (cm) Trial 3	Cumul. Dist. (cm) Trial 4	Mean Cumul. Dist. (cm)
10	701	123126.01	104264.01	15052.21	158976.01	100354.56
10	702	109609.36	29593.92	56568.10	70044.53	66453.98
10	703	275443.55	99084.00	41355.15	37337.53	113305.06
10	704	280026.10	52291.44	8175.88	5371.00	86466.11
10	705	7762.53	229896.61	95310.64	27662.16	90157.99
10	706	190672.79	37263.97	165152.04	5211.79	99575.15
10	707	285875.69	13943.79	108911.44	53690.09	115605.25
10	708	211248.48	9200.38	18171.13	37469.27	69022.32
10	709	9478.50	14344.86	74754.73	195221.19	73449.82
10	710	275704.49	73068.93	79971.92	72935.52	125420.22
11	711	267454.80	160598.26	16769.44	13892.23	114678.68
11	712	287990.87	272587.39	272109.87	304134.25	284205.60
11	713	258091.41	68135.37	80323.17	6764.52	103328.62
11	714	216285.18	8902.12	67527.89	14411.64	76781.71
11	715	272831.76	100276.07	59841.77	39361.16	118077.69
11	716	8823.39	154711.66	147408.87	27905.06	84712.25
11	717	289639.84	48744.66	63412.92	9900.00	102924.36
11	718	286785.94	34259.66	307484.44	284081.75	228152.95
11	719	290994.46	53207.11	262659.93	34232.68	160273.55
11	720	238888.28	210784.01	46366.15	19712.96	128937.85
12	721	279936.95	284886.72	235573.80	221694.26	255522.93
12	722	272987.44	175990.50	26896.66	92283.14	142039.44
12	723	258364.09	256763.95	10190.53	119784.70	161275.82
12	724	272286.18	56874.51	17311.82	22322.72	92073.81
12	725	259970.59	93246.47	49542.68	114515.79	129318.88
12	726	153831.58	56809.63	32249.22	16823.87	64928.58
12	727	229388.62	12845.61	46425.72	9023.54	74420.87
12	728	285181.72	101056.58	57112.02	254069.03	174354.84
12	729	8706.03	111387.14	89807.37	4596.75	53624.32
12	730	274346.51	44091.25	6751.71	16640.28	85457.44
13	731	270579.38	174316.00	157572.48	81713.99	171045.46
13	732	216466.95	254829.57	295787.93	280986.39	262017.71
13	733	95321.20	53345.41	54146.00	51491.50	63576.03
13	734	196748.92	262279.38	243057.14	15280.29	179341.43
13	735	238162.63	39010.26	16427.41	104926.28	99631.65
13	736	282189.80	223373.87	21753.99	29690.30	139251.99
13	737	28001.76	162980.75	44363.85	290661.27	131501.91
13	738	161860.78	173981.78	10825.60	10669.31	89334.37
13	739	296711.63	274464.28	24718.27	28184.47	156019.66
13	740	294981.11	271724.01	232893.42	215581.49	253795.01

Project No. 90R0066/05R034
Morris water maze on PND 60 +/-2
Learning

IIA-1984
SAS9.4 06MAY19

sex=F Day=2

Test group	Animal No.	Cumul. Dist. (cm) Trial 1	Cumul. Dist. (cm) Trial 2	Cumul. Dist. (cm) Trial 3	Cumul. Dist. (cm) Trial 4	Mean Cumul. Dist. (cm)
10	701	10191.48	13974.18	33459.92	17725.78	18837.84
10	702	20517.95	47396.12	3584.33	14325.15	21455.89
10	703	56090.81	98594.91	98080.49	16992.46	67439.67
10	704	16482.24	80915.08	16582.64	10823.36	31200.83
10	705	13446.11	158720.71	38034.67	90753.90	75238.85
10	706	50977.92	4558.85	15687.86	46850.72	29518.84
10	707	13628.48	6734.53	71485.96	46459.48	34577.11
10	708	61228.40	64140.41	15179.90	174144.16	78673.22
10	709	66667.73	35509.78	252531.44	23916.01	94656.24
10	710	8731.82	47929.27	45521.49	27672.54	32463.78
11	711	46444.96	19825.76	26920.93	38556.19	32936.96
11	712	72360.61	12031.07	6948.37	52672.22	36003.07
11	713	51224.17	6387.97	14103.66	26566.12	24570.48
11	714	76554.51	28290.84	157248.03	8360.48	67613.47
11	715	6969.31	83208.53	51121.79	6408.22	36926.96
11	716	81887.32	6795.32	3126.56	8526.25	25083.86
11	717	36432.19	41046.73	41835.54	8359.38	31918.45
11	718	8483.37	22561.04	19852.41	45904.11	24200.23
11	719	239482.52	122301.94	13111.31	28702.53	100899.58
11	720	40099.78	133029.59	10398.53	18684.63	50540.68
12	721	87888.20	32484.92	34121.46	11792.20	41571.70
12	722	204687.68	22420.94	7370.13	6931.76	60352.63
12	723	52261.79	49014.14	27487.06	12110.25	35218.31
12	724	14715.19	12640.31	20120.64	28446.90	18980.76
12	725	19880.09	32921.90	20172.24	7884.43	20214.67
12	726	44219.63	16290.66	187867.15	30251.79	69657.31
12	727	20706.50	17471.04	32775.87	28389.47	24835.72
12	728	70891.01	29531.34	36452.07	13431.82	37576.56
12	729	27775.13	6111.89	3001.79	3887.01	10193.96
12	730	118093.10	44499.97	6288.36	16879.26	46440.17
13	731	107626.96	6201.05	24360.46	77469.80	53914.57
13	732	6754.08	193193.92	16370.53	91042.23	76840.19
13	733	27686.98	6346.22	4128.30	35217.39	18344.72
13	734	19215.08	40566.03	10712.62	49566.22	30014.99
13	735	47186.40	6538.70	3293.63	9852.84	16717.89
13	736	8509.55	19750.85	10208.89	14011.43	13120.18
13	737	7360.31	128442.90	10597.37	8652.60	38763.30
13	738	58317.68	32460.56	3518.69	29233.24	30882.54
13	739	74510.65	12008.86	42311.42	49099.94	44482.72
13	740	63087.51	20306.80	239186.77	48820.23	92850.33

Project No. 90R0066/05R034
Morris water maze on PND 60 +/-2
Learning

IIA-1985
SAS9.4 06MAY19

sex=F Day=3

Test group	Animal No.	Cumul. Dist. (cm) Trial 1	Cumul. Dist. (cm) Trial 2	Cumul. Dist. (cm) Trial 3	Cumul. Dist. (cm) Trial 4	Mean Cumul. Dist. (cm)
10	701	207863.44	5743.43	3872.37	9041.81	56630.26
10	702	77546.83	11109.95	20389.02	20122.30	32292.03
10	703	7333.36	11339.05	16957.08	25144.35	15193.46
10	704	8329.12	30412.43	5122.48	7343.87	12801.98
10	705	174099.10	25624.11	4313.31	11410.85	53861.84
10	706	82032.70	35273.59	9139.50	12593.36	34759.79
10	707	26494.13	7104.98	72517.85	5376.99	27873.49
10	708	136107.84	83987.92	54465.39	47842.69	80600.96
10	709	9458.25	28335.39	62381.33	14406.43	28645.35
10	710	44316.24	5915.90	55345.53	3648.16	27306.46
11	711	14853.10	149075.10	18226.65	5283.85	46859.68
11	712	22003.15	256340.57	28513.46	21811.27	82167.11
11	713	33435.91	22004.69	44822.67	31998.19	33065.37
11	714	103561.86	26654.70	11630.84	19177.96	40256.34
11	715	127427.45	17606.56	26092.77	13715.03	46210.45
11	716	6830.43	52988.19	32049.11	15790.52	26914.56
11	717	9935.23	54570.17	8310.43	85947.84	39690.92
11	718	171672.32	248416.97	69358.60	277157.05	191651.24
11	719	61792.54	15990.96	12329.96	8033.24	24536.68
11	720	13654.17	62727.73	5456.15	3008.91	21211.74
12	721	81189.12	11306.15	44281.37	70733.09	51877.43
12	722	10017.83	14763.46	6250.98	12689.85	10930.53
12	723	9094.74	14136.09	4157.81	3566.18	7738.71
12	724	45016.24	36913.74	6791.19	7643.59	24091.19
12	725	97935.69	16802.09	15008.54	22004.75	37937.77
12	726	94776.22	161914.33	12541.46	42731.59	77990.90
12	727	4536.91	67971.41	75658.86	36702.76	46217.49
12	728	84690.78	60383.94	53861.78	13215.81	53038.08
12	729	9006.31	62968.56	10394.91	9695.17	23016.24
12	730	37204.86	6750.33	7660.08	17283.66	17224.73
13	731	106637.68	21473.31	24552.55	66199.13	54715.67
13	732	9414.38	47293.26	59542.82	54315.54	42641.50
13	733	24504.59	19992.06	3168.87	10166.53	14458.01
13	734	124423.71	47361.77	26596.89	18318.03	54175.10
13	735	76512.72	7160.93	11779.36	19647.16	28775.04
13	736	31496.14	7939.45	9958.15	13118.60	15628.09
13	737	70200.09	7209.38	19302.40	5946.60	25664.62
13	738	99520.04	5986.09	5421.77	25841.76	34192.42
13	739	11561.78	66476.55	13789.54	36629.30	32114.29
13	740	64745.61	17931.72	39509.57	32939.69	38781.65

Project No. 90R0066/05R034
Morris water maze on PND 60 +/-2
Learning

IIA-1986
SAS9.4 06MAY19

sex=F Day=4

Test group	Animal No.	Cumul. Dist. (cm) Trial 1	Cumul. Dist. (cm) Trial 2	Cumul. Dist. (cm) Trial 3	Cumul. Dist. (cm) Trial 4	Mean Cumul. Dist. (cm)
10	701	14344.30	11771.34	6806.08	7709.74	10157.87
10	702	27787.76	14514.34	49528.68	30116.60	30486.85
10	703	99406.63	8308.46	28931.74	146902.60	70887.36
10	704	5614.01	39441.57	22056.81	18381.68	21373.52
10	705	22881.66	10453.54	23089.84	28328.23	21188.32
10	706	70768.11	11603.15	6249.14	107191.53	48952.98
10	707	56616.11	7006.93	35602.00	21879.77	30276.20
10	708	71715.90	119853.11	31200.91	242819.09	116397.25
10	709	38266.85	113657.36	23669.78	243847.17	104860.29
10	710	51968.72	8674.03	7203.32	15849.81	20923.97
11	711	61767.17	71363.58	24872.86	14035.35	43009.74
11	712	68688.39	50580.59	82899.79	30129.80	58074.64
11	713	34101.32	8413.84	11832.12	10309.49	16164.19
11	714	226055.16	6776.87	5601.18	14411.76	63211.24
11	715	24675.92	93308.69	18342.98	29031.73	41339.83
11	716	10033.79	12472.34	7929.73	11919.46	10588.83
11	717	7813.51	31156.22	12102.71	24970.94	19010.85
11	718	134198.53	53755.50	12413.11	17162.69	54382.46
11	719	6768.62	10376.37	9174.36	15231.59	10387.74
11	720	16379.86	6005.97	8405.44	3909.60	8675.22
12	721	80157.10	7586.99	15759.12	15343.72	29711.73
12	722	6395.71	6785.42	8409.67	3464.19	6263.75
12	723	5473.89	126854.54	6821.95	22500.83	40287.80
12	724	14026.16	30767.14	18973.56	4829.70	17149.14
12	725	16439.86	18400.56	38046.83	30738.10	25906.34
12	726	14675.36	7140.62	9054.78	39230.81	17525.39
12	727	17056.95	147593.92	22929.27	12357.03	49984.29
12	728	5860.12	26121.48	13469.56	18636.08	16021.81
12	729	7781.44	63585.47	46316.58	3941.08	30406.14
12	730	44115.18	33864.86	10654.82	47017.98	33913.21
13	731	22022.11	28644.34	91344.95	24404.12	41603.88
13	732	123247.03	16328.60	5778.67	51063.53	49104.46
13	733	4218.52	66500.35	8905.84	4721.40	21086.53
13	734	29886.76	19818.31	17058.12	47837.62	28650.20
13	735	12930.58	6806.82	12811.14	10550.18	10774.68
13	736	20292.37	34802.11	48299.05	45371.37	37191.23
13	737	70670.67	40371.47	10661.43	26662.78	37091.59
13	738	12782.00	6094.51	13828.33	27332.00	15009.21
13	739	58783.63	95301.51	33865.69	13122.73	50268.39
13	740	41042.65	10749.30	32053.31	7290.33	22783.90

Project No. 90R0066/05R034
Morris water maze on PND 60 +/-2
Learning

IIA-1987
SAS9.4 06MAY19

sex=M Day=1

Test group	Animal No.	Latency time (ms) Trial 1	Latency time (ms) Trial 2	Latency time (ms) Trial 3	Latency time (ms) Trial 4	Median latency time (ms)
10	601	NR	NR	21763.0	NR	NR
10	602	42806.0	NR	53043.0	8441.0	47924.5
10	603	NR	NR	13563.0	11962.0	NR
10	604	63003.0	45842.0	26403.0	3403.0	36122.5
10	605	41243.0	38641.0	14885.0	10604.0	26763.0
10	606	78313.0	59760.0	6242.0	18162.0	38961.0
10	607	37164.0	87644.0	23044.0	92881.0	62404.0
10	608	84321.0	6283.0	22201.0	9121.0	15661.0
10	609	63884.0	46203.0	40803.0	3723.0	43503.0
10	610	115766.0	23091.0	29005.0	7086.0	26048.0
11	611	NR	23075.0	15642.0	19800.0	21437.5
11	612	94321.0	16119.0	29046.0	23245.0	26145.5
11	613	NR	37924.0	27123.0	NR	NR
11	614	61843.0	33363.0	28758.0	25083.0	31060.5
11	615	59314.0	26163.0	21684.0	7842.0	23923.5
11	616	73563.0	39684.0	36683.0	12884.0	38183.5
11	617	77883.0	98361.0	7763.0	12723.0	45303.0
11	618	NR	10122.0	64562.0	3207.0	37342.0
11	619	NR	NR	68245.0	31882.0	NR
11	620	4604.0	11562.0	NR	62405.0	36983.5
12	621	8964.0	56923.0	6353.0	17884.0	13424.0
12	622	NR	116525.0	12647.0	13688.0	65106.5
12	623	27804.0	16083.0	8322.0	49162.0	21943.5
12	624	83723.0	49515.0	21362.0	16085.0	35438.5
12	625	72202.0	82833.0	58921.0	60803.0	66502.5
12	626	28962.0	NR	15564.0	17803.0	23382.5
12	627	11169.0	108083.0	14562.0	24482.0	19522.0
12	628	96639.0	43322.0	33644.0	20883.0	38483.0
12	629	NR	76643.0	12566.0	6484.0	44604.5
12	630	NR	24123.0	11727.0	52165.0	38144.0
13	631	98080.0	49801.0	12802.0	20320.0	35060.5
13	632	NR	NR	55404.0	33322.0	NR
13	633	NR	5762.0	48124.0	3121.0	26943.0
13	634	55479.0	8898.0	53483.0	62713.0	54481.0
13	635	NR	11363.0	51282.0	9922.0	31322.5
13	636	84642.0	15643.0	24683.0	3963.0	20163.0
13	637	62323.0	24404.0	82003.0	27280.0	44801.5
13	638	NR	NR	16842.0	13962.0	NR
13	639	107203.0	9683.0	48643.0	45242.0	46942.5
13	640	NR	NR	65074.0	25525.0	NR

NR = Not reached

Project No. 90R0066/05R034
Morris water maze on PND 60 +/-2
Learning

IIA-1988
SAS9.4 06MAY19

sex=M Day=2

Test group	Animal No.	Latency time (ms) Trial 1	Latency time (ms) Trial 2	Latency time (ms) Trial 3	Latency time (ms) Trial 4	Median latency time (ms)
10	601	17912.0	11163.0	9243.0	40688.0	14537.5
10	602	30322.0	10801.0	13243.0	35844.0	21782.5
10	603	90113.0	5641.0	36360.0	26442.0	31401.0
10	604	18842.0	3440.0	3039.0	25441.0	11141.0
10	605	5008.0	11041.0	9523.0	36764.0	10282.0
10	606	49484.0	9121.0	7681.0	15563.0	12342.0
10	607	47200.0	5802.0	3082.0	9641.0	7721.5
10	608	32038.0	17602.0	5162.0	3562.0	11382.0
10	609	115203.0	6207.0	12404.0	3842.0	9305.5
10	610	75962.0	4196.0	18643.0	4317.0	11480.0
11	611	16083.0	71323.0	9802.0	3045.0	12942.5
11	612	58601.0	28163.0	22164.0	10681.0	25163.5
11	613	96322.0	5321.0	4522.0	3721.0	4921.5
11	614	25004.0	3602.0	2122.0	8403.0	6002.5
11	615	33883.0	8881.0	9683.0	11763.0	10723.0
11	616	16963.0	6763.0	12163.0	19603.0	14563.0
11	617	36477.0	42563.0	9637.0	10323.0	23400.0
11	618	71118.0	12202.0	9882.0	5482.0	11042.0
11	619	14564.0	7243.0	6242.0	8882.0	8062.5
11	620	11924.0	21083.0	18682.0	33683.0	19882.5
12	621	106204.0	5841.0	8407.0	6121.0	7264.0
12	622	18245.0	15564.0	9762.0	4921.0	12663.0
12	623	NR	25242.0	40243.0	NR	NR
12	624	43203.0	12568.0	17523.0	18003.0	17763.0
12	625	37323.0	4802.0	12443.0	4963.0	8703.0
12	626	10563.0	9801.0	41602.0	8923.0	10182.0
12	627	15242.0	8123.0	3400.0	13801.0	10962.0
12	628	28201.0	14966.0	14401.0	16113.0	15539.5
12	629	6802.0	7602.0	12162.0	13843.0	9882.0
12	630	12402.0	3757.0	6883.0	30564.0	9642.5
13	631	13804.0	8003.0	14847.0	38681.0	14325.5
13	632	84795.0	8362.0	5842.0	14442.0	11402.0
13	633	11443.0	22482.0	28244.0	6123.0	16962.5
13	634	58444.0	10923.0	2245.0	10205.0	10564.0
13	635	9043.0	9442.0	24083.0	13204.0	11323.0
13	636	5365.0	6322.0	5561.0	17717.0	5941.5
13	637	84482.0	35803.0	9203.0	64962.0	50382.5
13	638	10325.0	92763.0	22004.0	11364.0	16684.0
13	639	56603.0	5604.0	32644.0	8801.0	20722.5
13	640	63484.0	6601.0	7723.0	3641.0	7162.0

NR = Not reached

Project No. 90R0066/05R034
Morris water maze on PND 60 +/-2
Learning

IIA-1989
SAS9.4 06MAY19

sex=M Day=3

Test group	Animal No.	Latency time (ms) Trial 1	Latency time (ms) Trial 2	Latency time (ms) Trial 3	Latency time (ms) Trial 4	Median latency time (ms)
10	601	26402.0	7084.0	10088.0	9165.0	9626.5
10	602	7443.0	11323.0	3724.0	3367.0	5583.5
10	603	13443.0	26883.0	4763.0	24642.0	19042.5
10	604	27163.0	4923.0	2882.0	2803.0	3902.5
10	605	46123.0	14524.0	9684.0	26122.0	20323.0
10	606	14766.0	41284.0	25440.0	3084.0	20103.0
10	607	16684.0	28243.0	5522.0	15082.0	15883.0
10	608	15677.0	27722.0	3562.0	8161.0	11919.0
10	609	7042.0	20242.0	8805.0	17562.0	13183.5
10	610	30163.0	14522.0	5645.0	6000.0	10261.0
11	611	9402.0	6763.0	13482.0	17362.0	11442.0
11	612	9002.0	17042.0	9003.0	4127.0	9002.5
11	613	4122.0	6924.0	17206.0	27408.0	12065.0
11	614	23683.0	15482.0	14484.0	13202.0	14983.0
11	615	3001.0	4481.0	3523.0	5928.0	4002.0
11	616	60642.0	15610.0	6162.0	39842.0	27726.0
11	617	45445.0	5281.0	2482.0	9082.0	7181.5
11	618	21193.0	11042.0	3082.0	15162.0	13102.0
11	619	5801.0	6082.0	5160.0	12402.0	5941.5
11	620	6126.0	8642.0	8926.0	18803.0	8784.0
12	621	9841.0	18120.0	3161.0	6480.0	8160.5
12	622	10684.0	15599.0	4244.0	3842.0	7464.0
12	623	14763.0	6324.0	9767.0	7323.0	8545.0
12	624	6241.0	4921.0	23563.0	5041.0	5641.0
12	625	3802.0	24723.0	4002.0	4001.0	4001.5
12	626	7322.0	8887.0	20123.0	5000.0	8104.5
12	627	13002.0	9926.0	9244.0	4285.0	9585.0
12	628	19852.0	24722.0	8442.0	9842.0	14847.0
12	629	13083.0	3523.0	4523.0	7073.0	5798.0
12	630	5685.0	7239.0	12124.0	5648.0	6462.0
13	631	7807.0	18203.0	60722.0	24207.0	21205.0
13	632	57001.0	6608.0	15723.0	5202.0	11165.5
13	633	33284.0	4201.0	3602.0	13357.0	8779.0
13	634	4762.0	7121.0	19402.0	3482.0	5941.5
13	635	17404.0	33684.0	3281.0	9241.0	13322.5
13	636	3523.0	10842.0	4083.0	8202.0	6142.5
13	637	12324.0	4842.0	10724.0	4161.0	7783.0
13	638	37444.0	6362.0	4682.0	27323.0	16842.5
13	639	16083.0	4039.0	8202.0	3163.0	6120.5
13	640	28125.0	5801.0	5521.0	6124.0	5962.5

NR = Not reached

Project No. 90R0066/05R034
Morris water maze on PND 60 +/-2
Learning

IIA-1990
SAS9.4 06MAY19

sex=M Day=4

Test group	Animal No.	Latency time (ms) Trial 1	Latency time (ms) Trial 2	Latency time (ms) Trial 3	Latency time (ms) Trial 4	Median latency time (ms)
10	601	45563.0	7440.0	22484.0	10642.0	16563.0
10	602	24364.0	9283.0	6362.0	11044.0	10163.5
10	603	31962.0	17001.0	8282.0	13603.0	15302.0
10	604	8564.0	22764.0	6078.0	9564.0	9064.0
10	605	14002.0	11763.0	7796.0	6402.0	9779.5
10	606	12161.0	39003.0	9160.0	7521.0	10660.5
10	607	17164.0	3808.0	5442.0	3361.0	4625.0
10	608	6281.0	6484.0	20002.0	7882.0	7183.0
10	609	11562.0	17002.0	13323.0	3523.0	12442.5
10	610	10561.0	6961.0	8127.0	6160.0	7544.0
11	611	27880.0	6522.0	14603.0	5881.0	10562.5
11	612	6881.0	14921.0	59317.0	21999.0	18460.0
11	613	13681.0	7562.0	8641.0	3237.0	8101.5
11	614	48644.0	11563.0	15604.0	7882.0	13583.5
11	615	2448.0	4201.0	3328.0	3683.0	3505.5
11	616	7682.0	71883.0	8361.0	3722.0	8021.5
11	617	84523.0	4802.0	3522.0	3441.0	4162.0
11	618	7283.0	6763.0	3083.0	9123.0	7023.0
11	619	20761.0	20444.0	30002.0	13444.0	20602.5
11	620	5881.0	15723.0	8761.0	68082.0	12242.0
12	621	104563.0	72195.0	80085.0	26084.0	76140.0
12	622	3242.0	6563.0	9840.0	3448.0	5005.5
12	623	10843.0	6241.0	3321.0	30364.0	8542.0
12	624	14562.0	7761.0	20401.0	28001.0	17481.5
12	625	2842.0	20563.0	3522.0	18644.0	11083.0
12	626	5841.0	4837.0	4242.0	3002.0	4539.5
12	627	26802.0	6682.0	8601.0	4361.0	7641.5
12	628	50564.0	5963.0	12922.0	3042.0	9442.5
12	629	8287.0	8363.0	3322.0	1962.0	5804.5
12	630	17884.0	15523.0	18044.0	2602.0	16703.5
13	631	107641.0	5880.0	24163.0	14801.0	19482.0
13	632	29961.0	22926.0	5802.0	11281.0	17103.5
13	633	3282.0	34364.0	6122.0	5802.0	5962.0
13	634	3961.0	15841.0	6801.0	3637.0	5381.0
13	635	NR	109912.0	4718.0	4638.0	57315.0
13	636	4367.0	4719.0	5003.0	3961.0	4543.0
13	637	9518.0	10322.0	6522.0	26243.0	9920.0
13	638	NR	7483.0	3441.0	7282.0	7382.5
13	639	5281.0	3287.0	7201.0	10368.0	6241.0
13	640	31283.0	18442.0	14921.0	3162.0	16681.5

NR = Not reached

Project No. 90R0066/05R034
Morris water maze on PND 60 +/-2
Learning

IIA-1991
SAS9.4 06MAY19

sex=F Day=1

Test group	Animal No.	Latency time (ms) Trial 1	Latency time (ms) Trial 2	Latency time (ms) Trial 3	Latency time (ms) Trial 4	Median latency time (ms)
10	701	56366.0	48485.0	10124.0	79723.0	52425.5
10	702	47243.0	11804.0	31604.0	70515.0	39423.5
10	703	NR	39243.0	17851.0	15882.0	28547.0
10	704	NR	23764.0	5849.0	3246.0	14806.5
10	705	5283.0	98441.0	39803.0	13002.0	26402.5
10	706	91883.0	17284.0	78313.0	3563.0	47798.5
10	707	NR	7561.0	55084.0	29563.0	42323.5
10	708	97329.0	5999.0	8724.0	22603.0	15663.5
10	709	5402.0	7125.0	40279.0	87123.0	23702.0
10	710	NR	34882.0	41074.0	39522.0	40298.0
11	711	NR	73610.0	9126.0	8883.0	41368.0
11	712	17403.0	NR	NR	117559.0	NR
11	713	118443.0	32073.0	45563.0	3722.0	38818.0
11	714	99844.0	4402.0	29602.0	7089.0	18345.5
11	715	NR	56563.0	27122.0	21443.0	41842.5
11	716	5723.0	70793.0	68802.0	16082.0	42442.0
11	717	NR	22601.0	37914.0	6362.0	30257.5
11	718	NR	16042.0	NR	NR	NR
11	719	NR	22401.0	NR	17363.0	NR
11	720	107081.0	93721.0	22444.0	9279.0	58082.5
12	721	NR	NR	NR	89125.0	NR
12	722	118766.0	82963.0	15243.0	47643.0	65303.0
12	723	114402.0	NR	4642.0	64603.0	89502.5
12	724	NR	25884.0	10802.0	14962.0	20423.0
12	725	106083.0	46524.0	24482.0	51363.0	48943.5
12	726	69525.0	23964.0	15763.0	7481.0	19863.5
12	727	97002.0	10804.0	19922.0	6042.0	15363.0
12	728	NR	45325.0	28522.0	109922.0	77623.5
12	729	6203.0	53045.0	52405.0	2722.0	29304.0
12	730	NR	21083.0	3203.0	8203.0	14643.0
13	731	NR	74684.0	70393.0	40562.0	72538.5
13	732	102722.0	NR	NR	NR	NR
13	733	46243.0	22682.0	29202.0	30643.0	29922.5
13	734	94246.0	NR	NR	8123.0	NR
13	735	103233.0	21483.0	6918.0	54080.0	37781.5
13	736	NR	115031.0	10403.0	18565.0	66798.0
13	737	16322.0	73482.0	22204.0	NR	47843.0
13	738	67645.0	86118.0	5482.0	8559.0	38102.0
13	739	NR	NR	11678.0	12483.0	NR
13	740	NR	NR	104913.0	113209.0	NR

NR = Not reached

Project No. 90R0066/05R034
Morris water maze on PND 60 +/-2
Learning

IIA-1992
SAS9.4 06MAY19

sex=F Day=2

Test group	Animal No.	Latency time (ms) Trial 1	Latency time (ms) Trial 2	Latency time (ms) Trial 3	Latency time (ms) Trial 4	Median latency time (ms)
10	701	8682.0	15600.0	16319.0	11399.0	13499.5
10	702	9680.0	26803.0	3239.0	7159.0	8419.5
10	703	29633.0	47163.0	50443.0	7762.0	38398.0
10	704	7962.0	36519.0	9962.0	6763.0	8962.0
10	705	5802.0	73122.0	15763.0	44083.0	29923.0
10	706	28123.0	3081.0	12721.0	22402.0	17561.5
10	707	6163.0	4323.0	36564.0	23681.0	14922.0
10	708	34522.0	33281.0	13281.0	80312.0	33901.5
10	709	30924.0	15802.0	NR	12402.0	23363.0
10	710	6160.0	25522.0	25844.0	16083.0	20802.5
11	711	20763.0	7721.0	16843.0	18482.0	17662.5
11	712	32802.0	5922.0	4963.0	27283.0	16602.5
11	713	23761.0	3368.0	6602.0	11762.0	9182.0
11	714	38643.0	16764.0	72763.0	5882.0	27703.5
11	715	3682.0	44282.0	29998.0	3922.0	16960.0
11	716	39843.0	4122.0	2878.0	4717.0	4419.5
11	717	18402.0	27403.0	19279.0	5682.0	18840.5
11	718	4363.0	9602.0	9999.0	19684.0	9800.5
11	719	NR	63449.0	6843.0	20408.0	41928.5
11	720	22203.0	66923.0	6683.0	13162.0	17682.5
12	721	40323.0	17283.0	19923.0	9402.0	18603.0
12	722	93964.0	13603.0	4486.0	4082.0	9044.5
12	723	21962.0	26522.0	13482.0	7442.0	17722.0
12	724	8603.0	6082.0	10522.0	15443.0	9562.5
12	725	8043.0	18963.0	10363.0	4762.0	9203.0
12	726	23001.0	6803.0	91031.0	18961.0	20981.0
12	727	11362.0	7640.0	18843.0	17839.0	14600.5
12	728	33873.0	11802.0	20924.0	7756.0	16363.0
12	729	15803.0	3441.0	2163.0	3803.0	3622.0
12	730	54279.0	25683.0	3881.0	9359.0	17521.0
13	731	50922.0	3643.0	18364.0	42922.0	30643.0
13	732	4683.0	87603.0	8282.0	43083.0	25682.5
13	733	14042.0	4840.0	4169.0	22444.0	9441.0
13	734	7843.0	20524.0	6522.0	23564.0	14183.5
13	735	25763.0	4362.0	2285.0	7043.0	5702.5
13	736	6163.0	12203.0	7322.0	8442.0	7882.0
13	737	5322.0	65082.0	7642.0	5363.0	6502.5
13	738	25802.0	17842.0	2761.0	15562.0	16702.0
13	739	37124.0	5242.0	18522.0	22483.0	20502.5
13	740	29762.0	8641.0	NR	26523.0	28142.5

NR = Not reached

Project No. 90R0066/05R034
Morris water maze on PND 60 +/-2
Learning

IIA-1993
SAS9.4 06MAY19

sex=F Day=3

Test group	Animal No.	Latency time (ms) Trial 1	Latency time (ms) Trial 2	Latency time (ms) Trial 3	Latency time (ms) Trial 4	Median latency time (ms)
10	701	107603.0	4002.0	2680.0	7360.0	5681.0
10	702	43122.0	7002.0	18442.0	14083.0	16262.5
10	703	4249.0	5962.0	7922.0	16166.0	6942.0
10	704	4562.0	18083.0	3047.0	4882.0	4722.0
10	705	86003.0	9869.0	2962.0	7523.0	8696.0
10	706	36839.0	16002.0	8720.0	9480.0	12741.0
10	707	13043.0	3718.0	36035.0	4883.0	8963.0
10	708	61364.0	38684.0	29084.0	24162.0	33884.0
10	709	6482.0	17082.0	28842.0	7323.0	12202.5
10	710	24203.0	3483.0	31283.0	2722.0	13843.0
11	711	7442.0	76962.0	10362.0	4002.0	8902.0
11	712	9004.0	109601.0	15122.0	9233.0	12177.5
11	713	16650.0	9125.0	25683.0	14843.0	15746.5
11	714	49763.0	10802.0	11682.0	10082.0	11242.0
11	715	58362.0	9202.0	11642.0	7042.0	10422.0
11	716	4121.0	26961.0	25523.0	9242.0	17382.5
11	717	7003.0	25724.0	5402.0	41963.0	16363.5
11	718	77039.0	NR	30798.0	NR	NR
11	719	32441.0	6802.0	10242.0	6681.0	8522.0
11	720	8802.0	36965.0	3160.0	2242.0	5981.0
12	721	35282.0	7882.0	23684.0	35363.0	29483.0
12	722	4681.0	7123.0	3322.0	7003.0	5842.0
12	723	5441.0	6442.0	2882.0	3042.0	4241.5
12	724	25403.0	21321.0	4882.0	4122.0	13101.5
12	725	54883.0	9042.0	10682.0	9723.0	10202.5
12	726	48802.0	69084.0	6158.0	24963.0	36882.5
12	727	2643.0	34644.0	41122.0	21962.0	28303.0
12	728	38243.0	35161.0	30082.0	7842.0	32621.5
12	729	6482.0	33323.0	7923.0	5202.0	7202.5
12	730	16003.0	3522.0	3842.0	11963.0	7902.5
13	731	49204.0	9963.0	11243.0	35442.0	23342.5
13	732	5474.0	21644.0	29530.0	23404.0	22524.0
13	733	15241.0	11043.0	2762.0	4679.0	7861.0
13	734	60040.0	22648.0	14203.0	8042.0	18425.5
13	735	41880.0	4158.0	7042.0	11202.0	9122.0
13	736	21443.0	4481.0	5762.0	6403.0	6082.5
13	737	35483.0	4083.0	9162.0	3562.0	6622.5
13	738	45323.0	4723.0	3123.0	17042.0	10882.5
13	739	12404.0	28684.0	6923.0	20844.0	16624.0
13	740	35162.0	7563.0	17762.0	17605.0	17683.5

NR = Not reached

Project No. 90R0066/05R034
Morris water maze on PND 60 +/-2
Learning

IIA-1994
SAS9.4 06MAY19

sex=F Day=4

Test group	Animal No.	Latency time (ms) Trial 1	Latency time (ms) Trial 2	Latency time (ms) Trial 3	Latency time (ms) Trial 4	Median latency time (ms)
10	701	10401.0	6601.0	4122.0	6443.0	6522.0
10	702	17041.0	9601.0	30320.0	17243.0	17142.0
10	703	46362.0	4322.0	16242.0	88834.0	31302.0
10	704	3206.0	25083.0	15722.0	13682.0	14702.0
10	705	12002.0	4964.0	14844.0	15044.0	13423.0
10	706	34043.0	6403.0	3523.0	60323.0	20223.0
10	707	31481.0	3683.0	16644.0	14882.0	15763.0
10	708	35804.0	52038.0	12640.0	NR	43921.0
10	709	23643.0	56161.0	15482.0	NR	39902.0
10	710	30840.0	5881.0	5201.0	10362.0	8121.5
11	711	32760.0	29241.0	13523.0	6721.0	21382.0
11	712	34604.0	24004.0	37637.0	14002.0	29304.0
11	713	19162.0	4720.0	5398.0	5881.0	5639.5
11	714	113480.0	3920.0	3721.0	8361.0	6140.5
11	715	13361.0	46879.0	10683.0	15563.0	14462.0
11	716	7802.0	9923.0	4921.0	7797.0	7799.5
11	717	5363.0	12719.0	6442.0	10602.0	8522.0
11	718	60442.0	23683.0	7161.0	7719.0	15701.0
11	719	4241.0	7762.0	5004.0	9682.0	6383.0
11	720	9084.0	3683.0	6047.0	3203.0	4865.0
12	721	42205.0	4084.0	8963.0	11401.0	10182.0
12	722	3357.0	3242.0	3962.0	2402.0	3299.5
12	723	4242.0	67642.0	4043.0	18283.0	11262.5
12	724	8522.0	16568.0	11004.0	4084.0	9763.0
12	725	8402.0	8877.0	21643.0	12364.0	10620.5
12	726	7722.0	4282.0	5002.0	16400.0	6362.0
12	727	10481.0	70802.0	9161.0	5961.0	9821.0
12	728	3322.0	10442.0	8802.0	7762.0	8282.0
12	729	5202.0	34723.0	26604.0	4082.0	15903.0
12	730	21961.0	18286.0	5201.0	23637.0	20123.5
13	731	12642.0	17764.0	44482.0	15401.0	16582.5
13	732	62122.0	7084.0	3363.0	29600.0	18342.0
13	733	2640.0	38804.0	6839.0	3082.0	4960.5
13	734	11923.0	11202.0	7089.0	23523.0	11562.5
13	735	6961.0	3722.0	7483.0	10962.0	7222.0
13	736	10441.0	14481.0	22600.0	23403.0	18540.5
13	737	31600.0	23882.0	6841.0	13561.0	18721.5
13	738	6761.0	3362.0	6402.0	15721.0	6581.5
13	739	30402.0	53601.0	20963.0	7402.0	25682.5
13	740	17081.0	6642.0	19280.0	5042.0	11861.5

NR = Not reached

Project No. 90R0066/05R034
Morris water maze on PND 60 +/-2
Memory
Probe trial 1, quadrant 2

IIA-1995
SAS9.4 06MAY19

Sex=M

Test group	Animal No.	Cumul. Distance (cm)	% Time in target quadrant
10	601	51032.51	39.46
10	602	41767.04	50.09
10	603	66479.84	20.01
10	604	66850.47	15.28
10	605	43811.17	44.67
10	606	63575.91	14.39
10	607	73685.21	0.00
10	608	55256.86	23.45
10	609	71633.24	8.13
10	610	52467.65	31.30
11	611	43379.33	37.06
11	612	66174.18	8.00
11	613	62856.38	16.95
11	614	52762.71	24.56
11	615	37072.32	53.61
11	616	62364.78	18.89
11	617	57118.14	19.43
11	618	62318.26	5.60
11	619	67165.19	8.53
11	620	52671.60	26.53
12	621	46536.60	36.12
12	622	60873.51	14.39
12	623	55357.91	38.82
12	624	54251.60	17.47
12	625	59665.11	24.27
12	626	59262.99	14.81
12	627	54976.68	22.13
12	628	68697.43	10.66
12	629	42790.79	42.14
12	630	55058.70	18.13
13	631	62548.38	17.21
13	632	64921.01	14.54
13	633	45424.32	43.86
13	634	46759.50	36.49
13	635	65124.69	14.81
13	636	49852.78	29.45
13	637	48591.49	29.19
13	638	69137.33	6.93
13	639	44844.77	36.54
13	640	45392.63	34.93

Project No. 90R0066/05R034
Morris water maze on PND 60 +/-2
Memory
Probe trial 1, quadrant 2

IIA-1996
SAS9.4 06MAY19

Sex=F

Test group	Animal No.	Cumul. Distance (cm)	% Time in target quadrant
10	701	39951.88	51.86
10	702	72012.32	12.50
10	703	56886.41	37.59
10	704	57149.53	29.60
10	705	58465.72	11.99
10	706	74860.87	12.53
10	707	55873.47	27.04
10	708	66359.81	17.07
10	709	59173.84	24.77
10	710	66596.17	6.00
11	711	68934.66	6.93
11	712	51904.56	36.62
11	713	58657.24	12.01
11	714	55059.85	25.61
11	715	62529.02	31.07
11	716	61803.17	21.20
11	717	60733.14	23.16
11	718	61501.94	14.00
11	719	54784.64	33.73
11	720	66525.81	14.26
12	721	58559.78	25.57
12	722	74406.42	9.72
12	723	60714.30	18.54
12	724	55552.96	24.00
12	725	56907.09	23.07
12	726	55914.53	29.22
12	727	63416.28	19.07
12	728	60952.49	20.81
12	729	63645.33	19.21
12	730	49684.65	32.95
13	731	55912.56	32.65
13	732	59520.82	13.07
13	733	52968.68	29.20
13	734	72770.95	13.48
13	735	42040.44	46.14
13	736	62688.55	17.62
13	737	55922.28	26.69
13	738	46068.52	37.94
13	739	70169.33	23.20
13	740	58375.79	27.60

Project No. 90R0066/05R034
Morris water maze on PND 67 +/-2
Relearning

IIA-1997
SAS9.4 06MAY19

sex=M Day=6

Test group	Animal No.	Cumul. Dist. (cm) Trial 1	Cumul. Dist. (cm) Trial 2	Cumul. Dist. (cm) Trial 3	Cumul. Dist. (cm) Trial 4	Mean Cumul. Dist. (cm)
10	601	49173.65	20104.65	32490.12	7746.45	27378.72
10	602	74045.88	126743.07	16480.26	12558.63	57456.96
10	603	26597.10	24485.86	11525.33	14227.04	19208.83
10	604	15109.34	71692.93	29709.93	14178.13	32672.58
10	605	232556.14	88568.80	34946.96	8091.58	91040.87
10	606	14031.99	91637.67	45477.82	32085.35	45808.21
10	607	6201.45	16966.09	6506.44	60449.47	22530.86
10	608	52908.29	5577.84	15907.02	5315.48	19927.16
10	609	5937.18	20696.94	4926.59	17743.46	12326.04
10	610	64571.00	136160.37	27003.35	31074.48	64702.30
11	611	8322.14	13857.59	7167.91	4972.81	8580.11
11	612	251691.15	258411.74	12047.41	23690.88	136460.30
11	613	26741.99	37620.62	27839.76	9045.91	25312.07
11	614	87261.24	7411.76	12000.64	9696.41	29092.51
11	615	8149.32	5074.41	14306.79	30001.80	14383.08
11	616	5711.41	166050.35	170275.20	244288.14	146581.28
11	617	17851.16	7584.07	8035.67	5926.10	9849.25
11	618	75771.56	26960.81	13180.58	17198.37	33277.83
11	619	44520.00	251212.73	48949.94	117130.48	115453.29
11	620	231476.70	225522.97	52228.67	117380.89	156652.31
12	621	31739.72	38552.66	61469.42	52129.12	45972.73
12	622	9286.04	7806.65	8204.30	7506.15	8200.79
12	623	78875.35	47925.64	92511.16	24290.57	60900.68
12	624	152457.07	76360.04	36614.02	10323.72	68938.71
12	625	12570.83	12836.32	16125.94	47504.18	22259.32
12	626	142612.86	16534.06	10355.04	19456.38	47239.59
12	627	35931.72	47008.24	8790.93	14113.95	26461.21
12	628	3897.76	23676.04	10128.63	15214.69	13229.28
12	629	20145.65	2691.20	16700.56	27696.87	16808.57
12	630	46391.52	15590.91	6182.74	16171.09	21084.07
13	631	17025.21	13999.92	95146.97	16761.21	35733.33
13	632	6565.02	241245.31	67129.66	11977.52	81729.38
13	633	38664.28	16147.41	17093.87	28019.63	24981.30
13	634	132032.63	18178.11	9341.79	15980.59	43883.28
13	635	167916.09	64459.61	5415.37	28330.25	66530.33
13	636	153604.72	9502.10	11992.18	8412.56	45877.89
13	637	4138.04	116825.28	8981.34	53053.52	45749.55
13	638	102830.16	12825.10	26537.06	11752.15	38486.12
13	639	24577.47	8139.27	24205.33	59683.32	29151.35
13	640	14753.61	5370.22	14993.27	9647.21	11191.08

Project No. 90R0066/05R034
Morris water maze on PND 67 +/-2
Relearning

IIA-1998
SAS9.4 06MAY19

sex=M Day=7

Test group	Animal No.	Cumul. Dist. (cm) Trial 1	Cumul. Dist. (cm) Trial 2	Cumul. Dist. (cm) Trial 3	Cumul. Dist. (cm) Trial 4	Mean Cumul. Dist. (cm)
10	601	31195.19	29033.57	29609.26	27756.40	29398.61
10	602	5077.43	5203.12	5391.88	5815.98	5372.10
10	603	11209.60	6268.60	60952.40	10340.33	22192.73
10	604	3091.84	5956.13	6035.60	16988.29	8017.97
10	605	16653.94	30359.14	41389.39	5262.59	23416.27
10	606	22840.81	7478.31	12267.30	6525.42	12277.96
10	607	192499.17	57966.28	60829.00	27123.23	84604.42
10	608	15734.00	5067.02	23928.16	7668.65	13099.46
10	609	3673.59	6589.74	8448.45	7140.69	6463.12
10	610	158733.32	19122.50	9158.65	17836.48	51212.74
11	611	8247.82	6523.65	13512.19	4844.98	8282.16
11	612	20238.34	12402.49	14350.40	11944.64	14733.97
11	613	45789.18	75864.23	8742.05	24406.76	38700.56
11	614	21261.59	15714.24	5403.90	10841.16	13305.22
11	615	41281.66	12719.84	4590.75	4419.17	15752.86
11	616	34562.56	33848.80	28659.51	28221.86	31323.18
11	617	19239.55	7159.83	36199.95	6667.88	17316.80
11	618	10161.98	10738.44	21274.04	8540.50	12678.74
11	619	114922.72	7488.77	29759.90	65568.20	54434.90
11	620	41648.48	13249.34	70199.83	112085.51	59295.79
12	621	190802.02	47351.52	32697.34	17236.58	72021.87
12	622	99833.65	9568.87	26848.89	6654.85	35726.56
12	623	45457.79	55635.71	12948.77	7668.74	30427.75
12	624	47081.10	15409.36	8709.68	23366.04	23641.55
12	625	42587.59	20627.25	5016.45	101411.92	42410.80
12	626	3651.12	23081.26	10460.27	6466.85	10914.87
12	627	234058.87	7175.20	5982.74	18569.83	66446.66
12	628	4864.55	10699.16	11952.21	15298.30	10703.56
12	629	2951.97	6229.76	3017.42	27992.81	10047.99
12	630	60260.16	133551.50	13946.71	12862.03	55155.10
13	631	4297.12	7279.15	84891.86	59974.94	39110.77
13	632	30117.30	5156.55	3786.59	32805.30	17966.44
13	633	38909.38	13739.00	5534.62	5182.49	15841.37
13	634	10527.48	7517.95	13245.50	203518.38	58702.33
13	635	24532.35	6948.07	8810.72	5584.24	11468.85
13	636	16848.23	7441.59	6561.43	6021.69	9218.24
13	637	107474.17	22075.09	6504.29	19829.63	38970.80
13	638	62205.72	31276.39	20790.74	25510.28	34945.78
13	639	65642.11	90169.66	55568.32	67740.57	69780.17
13	640	14773.55	42439.29	3683.00	10065.56	17740.35

Project No. 90R0066/05R034
Morris water maze on PND 67 +/-2
Relearning

IIA-1999
SAS9.4 06MAY19

sex=M Day=8

Test group	Animal No.	Cumul. Dist. (cm) Trial 1	Cumul. Dist. (cm) Trial 2	Cumul. Dist. (cm) Trial 3	Cumul. Dist. (cm) Trial 4	Mean Cumul. Dist. (cm)
10	601	74618.68	14551.63	6141.97	9999.85	26328.03
10	602	7913.53	11257.98	7356.08	4364.71	7723.08
10	603	7978.49	7037.89	9875.31	4736.55	7407.06
10	604	4994.98	4814.72	6971.08	18686.72	8866.88
10	605	54715.05	24847.02	17374.09	7586.98	26130.79
10	606	7710.53	5507.81	44536.94	16470.04	18556.33
10	607	180300.24	7178.33	22796.26	4146.27	53605.28
10	608	8022.92	18321.78	6191.37	17653.62	12547.42
10	609	10037.56	12341.27	10286.89	7351.27	10004.25
10	610	14226.45	14811.53	12787.25	8242.57	12516.95
11	611	9440.97	5660.58	38115.51	4358.22	14393.82
11	612	8434.21	9866.28	6359.08	3926.58	7146.54
11	613	39183.73	55635.13	21236.71	12827.55	32220.78
11	614	18209.88	6903.71	10698.34	4886.09	10174.51
11	615	28266.33	7652.52	8430.57	4021.14	12092.64
11	616	117021.61	34724.32	19116.03	44340.88	53800.71
11	617	37071.87	5185.72	5355.60	2780.78	12598.49
11	618	6654.32	27456.39	6822.84	14273.88	13801.86
11	619	62341.54	53691.26	6783.32	12118.06	33733.55
11	620	17282.90	37848.04	23629.47	43180.96	30485.34
12	621	116185.26	16073.70	30129.56	25505.36	46973.47
12	622	4348.89	6746.80	6106.64	5300.64	5625.74
12	623	90943.69	10833.10	21614.14	3352.55	31685.87
12	624	43080.37	14867.66	7430.91	2985.47	16966.10
12	625	14163.61	129595.21	56659.38	29885.26	57575.87
12	626	7185.39	10052.28	6865.32	13489.87	9398.22
12	627	15344.92	36707.56	10810.45	6113.00	17243.98
12	628	24959.99	5618.48	6923.83	3391.81	10223.53
12	629	5532.47	8909.98	9866.89	7348.58	7914.48
12	630	97762.86	5277.88	17023.08	3346.90	30852.68
13	631	17125.63	54760.41	37812.52	4164.73	28465.82
13	632	22110.73	16550.73	5924.20	9475.59	13515.31
13	633	3531.94	10134.96	3772.18	20937.54	9594.15
13	634	7974.31	6709.00	31121.27	98576.41	36095.25
13	635	23445.24	118021.72	67247.44	4466.59	53295.25
13	636	6351.12	4940.79	7235.88	3382.63	5477.61
13	637	11636.66	4239.24	8244.28	2593.73	6678.48
13	638	20684.22	22792.11	14511.77	4561.57	15637.42
13	639	17105.10	5987.99	11543.88	3418.32	9513.82
13	640	21936.94	17068.81	28933.33	15377.91	20829.25

Project No. 90R0066/05R034
Morris water maze on PND 67 +/-2
Relearning

IIA-2000
SAS9.4 06MAY19

sex=M Day=9

Test group	Animal No.	Cumul. Dist. (cm) Trial 1	Cumul. Dist. (cm) Trial 2	Cumul. Dist. (cm) Trial 3	Cumul. Dist. (cm) Trial 4	Mean Cumul. Dist. (cm)
10	601	11568.13	5487.72	7470.59	7381.04	7976.87
10	602	7290.87	7313.64	8275.96	14709.84	9397.58
10	603	8203.66	11560.08	5790.87	17569.06	10780.92
10	604	6874.15	27220.35	3982.61	2393.16	10117.57
10	605	15862.15	87401.41	10006.76	17325.33	32648.91
10	606	27138.30	39609.79	24001.40	38934.14	32420.91
10	607	23055.26	30427.93	11325.49	3834.56	17160.81
10	608	6684.46	8404.46	7224.86	7083.31	7349.27
10	609	5895.47	8831.64	5753.17	3555.30	6008.90
10	610	70905.61	16373.67	26177.40	51924.94	41345.41
11	611	10358.79	41098.01	22154.65	3962.68	19393.53
11	612	18908.26	7270.24	5358.53	3036.53	8643.39
11	613	27083.39	6049.93	14035.86	18709.66	16469.71
11	614	7611.43	9055.68	10478.35	7153.62	8574.77
11	615	3657.66	46199.05	5064.40	2356.37	14319.37
11	616	45697.63	52109.64	20170.89	17859.97	33959.41
11	617	19706.33	17121.73	6464.08	16352.72	14911.22
11	618	4680.19	12351.82	11693.96	24037.19	13190.79
11	619	49756.91	11068.33	57756.39	3760.53	30585.54
11	620	104751.92	100538.56	67584.90	65162.03	84509.35
12	621	42163.24	62700.16	13237.74	21636.73	34934.47
12	622	3661.10	6839.54	8004.62	15681.38	8546.66
12	623	64534.29	16400.31	33911.32	3956.23	29700.54
12	624	4694.63	4678.44	6073.85	9708.36	6288.82
12	625	5072.20	38771.39	16131.95	15662.82	18909.59
12	626	7151.44	4965.29	6687.51	4151.70	5738.99
12	627	62125.62	10384.01	26287.76	15750.93	28637.08
12	628	14371.70	12192.52	6201.12	3538.59	9075.98
12	629	3446.11	6899.27	4585.66	2958.38	4472.36
12	630	25064.20	7926.98	8698.46	17453.74	14785.85
13	631	15505.79	8810.81	6089.69	2933.43	8334.93
13	632	4814.37	16639.37	4654.46	2829.57	7234.44
13	633	44441.57	7347.66	6461.50	4642.55	15723.32
13	634	24694.59	36520.36	279756.79	26955.38	91981.78
13	635	93055.07	8729.25	8783.57	3239.85	28451.94
13	636	5824.15	6445.21	173034.27	4236.06	47384.92
13	637	23703.71	8729.14	3764.00	2250.18	9611.76
13	638	44990.54	9207.79	5864.72	5111.68	16293.68
13	639	13077.29	12421.10	15343.43	2981.99	10955.95
13	640	6742.60	27782.79	17915.33	14428.71	16717.36

Project No. 90R0066/05R034
Morris water maze on PND 67 +/-2
Relearning

IIA-2001
SAS9.4 06MAY19

sex=F Day=6

Test group	Animal No.	Cumul. Dist. (cm) Trial 1	Cumul. Dist. (cm) Trial 2	Cumul. Dist. (cm) Trial 3	Cumul. Dist. (cm) Trial 4	Mean Cumul. Dist. (cm)
10	701	47650.19	8862.95	27462.19	7819.13	22948.62
10	702	105001.53	266868.40	28235.92	78387.49	119623.34
10	703	25067.12	12539.32	54807.59	9687.01	25525.26
10	704	130959.81	4846.89	5454.71	5103.50	36591.23
10	705	63318.58	14633.76	17783.43	9398.36	26283.53
10	706	200349.08	46923.77	56305.20	18575.82	80538.47
10	707	5705.58	6162.87	27273.15	45732.34	21218.49
10	708	134663.17	21116.10	7829.68	11686.52	43823.87
10	709	10588.44	55390.33	12219.40	5892.66	21022.71
10	710	27532.91	24438.72	20577.82	9754.97	20576.11
11	711	10587.53	12119.07	6546.08	28772.97	14506.41
11	712	43484.86	64541.67	83746.61	115758.13	76882.82
11	713	82979.17	18250.14	11662.91	10378.22	30817.61
11	714	41247.14	242389.34	25893.44	28406.19	83234.03
11	715	39785.07	16768.12	15823.79	23510.59	23971.89
11	716	117758.09	3468.80	8212.73	14604.91	36011.13
11	717	57912.29	10771.53	20033.62	8627.95	24336.35
11	718	254393.75	41906.91	9748.90	8761.11	78702.67
11	719	69294.01	23190.87	8520.48	13716.17	28680.38
11	720	42805.69	9472.28	21564.43	6357.80	20050.05
12	721	26998.91	6948.74	29604.49	10734.89	18571.76
12	722	13525.93	12149.99	11057.50	25127.64	15465.27
12	723	35715.66	2838.42	34724.21	5193.37	19492.92
12	724	233040.89	24637.36	12466.61	12695.97	70710.21
12	725	76640.09	29852.11	13253.81	26149.15	36473.79
12	726	98331.91	56414.46	79266.22	10859.40	61218.00
12	727	233963.54	64879.37	16625.65	28512.70	85995.32
12	728	41681.18	178636.45	41145.93	13832.77	68824.08
12	729	83390.17	10842.41	44067.32	15270.16	38392.52
12	730	27840.76	16789.97	28837.74	8641.58	20527.51
13	731	75174.72	6604.11	57692.21	21183.57	40163.65
13	732	18981.42	5316.21	48181.91	28150.79	25157.58
13	733	26798.84	17720.04	7875.77	21661.19	18513.96
13	734	169293.49	19118.90	7153.24	14722.22	52571.96
13	735	58435.34	5058.32	5282.10	5759.38	18633.79
13	736	30665.89	13380.74	13279.61	10256.32	16895.64
13	737	121926.00	29751.62	4789.03	5027.87	40373.63
13	738	109223.13	7699.67	7831.13	4970.36	32431.07
13	739	117873.68	44678.83	11340.81	22085.43	48994.69
13	740	37050.62	70106.79	48392.13	9754.31	41325.96

Project No. 90R0066/05R034
Morris water maze on PND 67 +/-2
Relearning

IIA-2002
SAS9.4 06MAY19

sex=F Day=7

Test group	Animal No.	Cumul. Dist. (cm) Trial 1	Cumul. Dist. (cm) Trial 2	Cumul. Dist. (cm) Trial 3	Cumul. Dist. (cm) Trial 4	Mean Cumul. Dist. (cm)
10	701	30426.10	6784.13	9166.96	6575.29	13238.12
10	702	26599.66	10034.75	33787.61	28432.88	24713.73
10	703	38533.79	73756.93	7032.29	8131.52	31863.63
10	704	54335.89	8697.53	3912.98	11034.68	19495.27
10	705	83297.56	9534.72	44976.85	6726.94	36134.02
10	706	6987.74	26200.21	16830.28	14870.36	16222.15
10	707	32642.11	17977.75	27329.96	48890.96	31710.20
10	708	26610.12	15244.27	64734.00	15500.27	30522.17
10	709	4441.65	19264.83	5506.75	42277.24	17872.62
10	710	21916.64	65037.71	3649.38	18768.13	27342.97
11	711	12290.85	6182.29	8448.30	12258.40	9794.96
11	712	31855.16	55495.47	28611.75	128378.73	61085.28
11	713	7502.49	6243.73	15136.87	5427.05	8577.54
11	714	2528.47	7547.08	21460.18	7555.20	9772.73
11	715	31255.27	13006.23	9746.44	49530.80	25884.69
11	716	15943.88	73270.48	19699.51	6288.40	28800.57
11	717	26115.10	24616.48	28802.35	7194.52	20432.11
11	718	23609.55	9005.85	11422.88	7424.37	12865.65
11	719	8589.54	8705.91	33094.96	16889.29	16819.93
11	720	17178.04	24437.94	8874.26	4775.78	13816.51
12	721	29004.02	7741.52	3257.34	8365.73	12092.15
12	722	17574.62	4550.18	6578.30	20203.14	12226.56
12	723	5105.43	6913.00	2285.54	5151.47	4863.86
12	724	51834.82	12905.31	12312.43	192465.43	67379.50
12	725	33372.55	18306.09	7727.57	11383.15	17697.34
12	726	17565.80	6020.21	16959.19	63939.74	26121.24
12	727	13316.23	64778.71	3353.50	20708.83	25539.32
12	728	4496.84	54393.80	4209.64	163066.36	56541.66
12	729	5664.10	48104.89	51596.97	11528.55	29223.63
12	730	3531.56	12983.95	19519.99	6360.41	10598.98
13	731	84690.61	11626.72	4858.19	7478.34	27163.47
13	732	11087.10	13741.16	20026.79	25685.93	17635.25
13	733	3312.65	16360.47	19525.66	10792.40	12497.80
13	734	89347.81	37297.02	20647.78	11727.41	39755.01
13	735	170016.86	8734.22	5430.62	6039.27	47555.24
13	736	40270.47	8086.93	17035.91	7013.55	18101.72
13	737	22417.67	24477.40	9918.77	32674.60	22372.11
13	738	72367.37	7825.36	15887.65	7994.39	26018.69
13	739	139392.47	11326.43	13902.60	70353.18	58743.67
13	740	12680.35	33788.95	33634.83	13273.42	23344.39

Project No. 90R0066/05R034
Morris water maze on PND 67 +/-2
Relearning

IIA-2003
SAS9.4 06MAY19

sex=F Day=8

Test group	Animal No.	Cumul. Dist. (cm) Trial 1	Cumul. Dist. (cm) Trial 2	Cumul. Dist. (cm) Trial 3	Cumul. Dist. (cm) Trial 4	Mean Cumul. Dist. (cm)
10	701	12040.84	5263.00	5328.35	2942.36	6393.64
10	702	6063.12	8238.93	7235.94	37263.99	14700.50
10	703	40157.86	20517.43	44991.09	17745.97	30853.09
10	704	26537.15	7051.90	4925.54	51736.05	22562.66
10	705	28625.62	24847.96	230079.71	19406.74	75740.01
10	706	118212.59	12833.51	7134.66	9498.85	36919.90
10	707	107908.08	58840.07	8337.46	47769.55	55713.79
10	708	4514.28	54051.63	28453.85	22047.33	27266.77
10	709	35939.72	77910.38	16278.68	12778.63	35726.85
10	710	56340.07	10534.08	6727.97	29658.79	25815.23
11	711	28782.52	8437.47	40865.64	33996.87	28020.63
11	712	18771.98	116036.56	159750.48	55219.13	87444.54
11	713	97537.02	36960.80	12719.92	17588.58	41201.58
11	714	11842.07	4924.14	9410.57	9359.38	8884.04
11	715	7433.22	18005.88	41906.75	48616.29	28990.54
11	716	16275.84	5490.98	4000.64	3171.32	7234.70
11	717	33918.00	16113.40	16459.99	17997.70	21122.27
11	718	16705.46	48015.85	13532.79	20127.16	24595.32
11	719	75925.53	27462.19	16998.68	32476.15	38215.64
11	720	4597.92	4210.68	3525.12	2383.18	3679.23
12	721	20421.56	12449.63	19811.78	13626.14	16577.28
12	722	6051.57	14726.40	11705.57	3109.68	8898.31
12	723	3064.19	23438.57	4501.06	2906.35	8477.54
12	724	21695.83	16091.49	16300.31	10342.94	16107.64
12	725	20001.88	90219.27	17621.73	31498.82	39835.43
12	726	29407.02	13885.42	10181.12	7997.02	15367.65
12	727	23860.14	8436.23	12957.93	25834.62	17772.23
12	728	140564.29	55011.80	8688.16	8425.44	53172.42
12	729	33126.24	12672.42	35663.12	14744.92	24051.68
12	730	23792.75	7781.57	5079.66	21825.28	14619.82
13	731	12900.74	24084.67	25827.37	8016.23	17707.25
13	732	26790.98	85884.57	58718.18	59942.93	57834.17
13	733	13174.98	6555.51	12558.32	3358.54	8911.84
13	734	161006.73	26428.93	9445.07	62457.87	64834.65
13	735	18677.85	7636.54	6817.31	16570.42	12425.53
13	736	38882.20	8835.05	57522.05	3205.67	27111.24
13	737	19766.50	8316.69	5753.53	11089.04	11231.44
13	738	21872.12	25212.72	82155.09	6233.85	33868.45
13	739	61684.53	10006.28	10663.60	3944.96	21574.84
13	740	152564.44	36481.32	98611.05	6576.34	73558.29

Project No. 90R0066/05R034
Morris water maze on PND 67 +/-2
Relearning

IIA-2004
SAS9.4 06MAY19

sex=F Day=9

Test group	Animal No.	Cumul. Dist. (cm) Trial 1	Cumul. Dist. (cm) Trial 2	Cumul. Dist. (cm) Trial 3	Cumul. Dist. (cm) Trial 4	Mean Cumul. Dist. (cm)
10	701	6266.98	5175.89	5836.58	17976.90	8814.09
10	702	11594.81	10598.92	7900.77	2878.34	8243.21
10	703	6443.28	14788.26	20395.58	34499.18	19031.58
10	704	43222.11	31871.36	15609.84	3769.11	23618.11
10	705	80226.28	10779.07	11358.72	4397.59	26690.42
10	706	31487.36	13170.92	178572.23	31392.70	63655.80
10	707	19066.56	51438.10	4747.12	13703.52	22238.83
10	708	6057.93	75407.19	9047.96	58122.45	37158.88
10	709	23100.95	13092.64	12384.94	83652.82	33057.84
10	710	7880.50	9350.34	51462.73	5710.86	18601.11
11	711	82103.23	12654.54	7542.13	5456.69	26939.15
11	712	40132.07	73583.66	118259.63	51295.11	70817.62
11	713	62755.90	31118.55	7454.55	4669.72	26499.68
11	714	12262.18	4620.39	24145.86	35091.51	19029.99
11	715	6333.53	15316.06	42108.59	34037.19	24448.84
11	716	8913.85	7186.33	8217.73	3350.06	6916.99
11	717	11266.17	12721.48	14689.46	9150.73	11956.96
11	718	8204.55	10799.22	5262.86	2631.80	6724.61
11	719	21301.90	111972.22	9292.04	5381.69	36986.96
11	720	11021.21	6706.38	4684.55	3303.60	6428.94
12	721	22121.82	7355.16	7808.54	6995.89	11070.35
12	722	9403.47	16332.48	11218.74	6462.35	10854.26
12	723	3495.31	7993.91	12525.19	5477.05	7372.87
12	724	77635.59	15455.27	21903.97	39666.25	38665.27
12	725	28528.29	63716.13	6286.72	36943.51	33868.66
12	726	4020.95	4927.47	12224.82	6015.83	6797.27
12	727	39192.16	4717.45	22169.38	24769.76	22712.19
12	728	11717.86	8438.00	5796.45	25055.52	12751.96
12	729	6757.18	11669.77	26119.29	13619.17	14541.35
12	730	12428.12	21367.15	7819.93	16321.06	14484.07
13	731	23037.37	49384.36	9973.02	16337.89	24683.16
13	732	26313.86	8608.28	13136.17	16668.21	16181.63
13	733	15936.77	13222.94	5259.50	3281.30	9425.13
13	734	44443.20	44459.08	23788.95	9472.59	30540.96
13	735	50079.17	5976.86	33883.22	8034.40	24493.41
13	736	47315.70	10047.68	13434.38	19097.66	22473.86
13	737	46815.10	23155.23	7389.42	23498.21	25214.49
13	738	18199.30	6193.20	18407.35	5965.53	12191.35
13	739	168447.91	9387.32	7396.40	11781.57	49253.30
13	740	123192.20	42869.01	102810.87	8022.16	69223.56

Project No. 90R0066/05R034
Morris water maze on PND 67 +/-2
Relearning

IIA-2005
SAS9.4 06MAY19

sex=M Day=6

Test group	Animal No.	Latency time (ms) Trial 1	Latency time (ms) Trial 2	Latency time (ms) Trial 3	Latency time (ms) Trial 4	Median latency time (ms)
10	601	26043.0	11321.0	15561.0	4602.0	13441.0
10	602	32402.0	69123.0	8802.0	7082.0	20602.0
10	603	14324.0	11002.0	8282.0	8201.0	9642.0
10	604	8482.0	38041.0	17721.0	9042.0	13381.5
10	605	NR	44999.0	15638.0	4562.0	30318.5
10	606	10322.0	47043.0	23603.0	15283.0	19443.0
10	607	4002.0	11081.0	3961.0	32887.0	7541.5
10	608	27759.0	3602.0	9322.0	3202.0	6462.0
10	609	4682.0	14802.0	2962.0	11282.0	7982.0
10	610	39449.0	60884.0	10924.0	18004.0	28726.5
11	611	5323.0	9402.0	4361.0	3243.0	4842.0
11	612	NR	NR	7602.0	12202.0	NR
11	613	12988.0	23242.0	16003.0	5003.0	14495.5
11	614	44793.0	5000.0	10683.0	5280.0	7981.5
11	615	6042.0	3645.0	9561.0	19963.0	7801.5
11	616	4360.0	79003.0	97873.0	NR	88438.0
11	617	10402.0	7402.0	4640.0	3481.0	6021.0
11	618	41201.0	19562.0	9201.0	10043.0	14802.5
11	619	29560.0	NR	22722.0	58922.0	44241.0
11	620	NR	117282.0	30283.0	52602.0	84942.0
12	621	21080.0	19723.0	36479.0	27203.0	24141.5
12	622	6603.0	6004.0	4202.0	5123.0	5563.5
12	623	46083.0	27162.0	60323.0	11120.0	36622.5
12	624	81842.0	44196.0	17563.0	6557.0	30879.5
12	625	8681.0	8799.0	11524.0	31364.0	10161.5
12	626	75882.0	10802.0	6562.0	12722.0	11762.0
12	627	19601.0	27962.0	4789.0	8401.0	14001.0
12	628	2806.0	10238.0	6763.0	8758.0	7760.5
12	629	8802.0	2042.0	10523.0	14962.0	9662.5
12	630	26804.0	11323.0	3642.0	8520.0	9921.5
13	631	8322.0	7201.0	54682.0	7042.0	7761.5
13	632	5122.0	NR	32684.0	10202.0	21443.0
13	633	21363.0	8843.0	11202.0	13284.0	12243.0
13	634	66321.0	8283.0	5202.0	10123.0	9203.0
13	635	83474.0	39044.0	3684.0	21802.0	30423.0
13	636	82244.0	7603.0	8042.0	5283.0	7822.5
13	637	3282.0	58683.0	6924.0	27961.0	17442.5
13	638	55441.0	6801.0	19044.0	6600.0	12922.5
13	639	15324.0	6562.0	15123.0	30081.0	15223.5
13	640	10001.0	3523.0	6722.0	5683.0	6202.5

NR = Not reached

Project No. 90R0066/05R034
Morris water maze on PND 67 +/-2
Relearning

IIA-2006
SAS9.4 06MAY19

sex=M Day=7

Test group	Animal No.	Latency time (ms) Trial 1	Latency time (ms) Trial 2	Latency time (ms) Trial 3	Latency time (ms) Trial 4	Median latency time (ms)
10	601	16601.0	15244.0	19200.0	15962.0	16281.5
10	602	3361.0	3162.0	3203.0	3321.0	3262.0
10	603	12322.0	4442.0	36001.0	7122.0	9722.0
10	604	2402.0	4601.0	5522.0	10002.0	5061.5
10	605	8401.0	15443.0	29763.0	3362.0	11922.0
10	606	13760.0	4881.0	6122.0	3522.0	5501.5
10	607	NR	34762.0	35642.0	19482.0	35202.0
10	608	8922.0	3361.0	15323.0	4601.0	6761.5
10	609	2598.0	5802.0	4763.0	3603.0	4183.0
10	610	82073.0	12242.0	7802.0	10843.0	11542.5
11	611	6442.0	3641.0	7792.0	2961.0	5041.5
11	612	13682.0	5762.0	9963.0	6961.0	8462.0
11	613	26963.0	49722.0	4883.0	17042.0	22002.5
11	614	14402.0	11082.0	3127.0	7723.0	9402.5
11	615	19607.0	6601.0	2723.0	2683.0	4662.0
11	616	19963.0	21121.0	16404.0	14162.0	18183.5
11	617	12803.0	4923.0	21398.0	4601.0	8863.0
11	618	7522.0	6202.0	14042.0	5443.0	6862.0
11	619	57163.0	4762.0	16723.0	34323.0	25523.0
11	620	20401.0	7443.0	34643.0	52004.0	27522.0
12	621	109363.0	29163.0	15642.0	9482.0	22402.5
12	622	61725.0	5123.0	22564.0	3562.0	13843.5
12	623	31164.0	33842.0	7642.0	4683.0	19403.0
12	624	23002.0	7923.0	5601.0	13762.0	10842.5
12	625	20603.0	10042.0	3242.0	51243.0	15322.5
12	626	2962.0	14882.0	8322.0	3922.0	6122.0
12	627	116681.0	4402.0	5043.0	14282.0	9662.5
12	628	3322.0	7162.0	7881.0	7282.0	7222.0
12	629	2323.0	4362.0	2002.0	17923.0	3342.5
12	630	28722.0	71792.0	8797.0	6083.0	18759.5
13	631	2920.0	3682.0	44122.0	31283.0	17482.5
13	632	17603.0	3121.0	2529.0	17921.0	10362.0
13	633	23603.0	7482.0	4483.0	3162.0	5982.5
13	634	6123.0	5359.0	6482.0	88594.0	6302.5
13	635	15003.0	4437.0	6324.0	3042.0	5380.5
13	636	8683.0	5963.0	6288.0	3964.0	6125.5
13	637	58081.0	13643.0	4562.0	10122.0	11882.5
13	638	40362.0	15323.0	11002.0	19912.0	17617.5
13	639	34722.0	50678.0	30359.0	35402.0	35062.0
13	640	9723.0	22442.0	2761.0	4761.0	7242.0

NR = Not reached

Project No. 90R0066/05R034
Morris water maze on PND 67 +/-2
Relearning

IIA-2007
SAS9.4 06MAY19

sex=M Day=8

Test group	Animal No.	Latency time (ms) Trial 1	Latency time (ms) Trial 2	Latency time (ms) Trial 3	Latency time (ms) Trial 4	Median latency time (ms)
10	601	44042.0	7522.0	3642.0	7722.0	7622.0
10	602	7201.0	8763.0	3762.0	3085.0	5481.5
10	603	5039.0	5002.0	5446.0	4886.0	5020.5
10	604	3242.0	2767.0	5602.0	14166.0	4422.0
10	605	35641.0	14962.0	10962.0	5084.0	12962.0
10	606	5802.0	3122.0	29443.0	11522.0	8662.0
10	607	87361.0	4325.0	12362.0	2969.0	8343.5
10	608	7962.0	12962.0	3362.0	12561.0	10261.5
10	609	7202.0	9921.0	6002.0	8202.0	7702.0
10	610	8322.0	8436.0	6242.0	5316.0	7282.0
11	611	5842.0	3047.0	27203.0	3203.0	4522.5
11	612	5402.0	8759.0	3840.0	2641.0	4621.0
11	613	20478.0	33002.0	12403.0	12238.0	16440.5
11	614	11562.0	6047.0	6440.0	4920.0	6243.5
11	615	21083.0	3882.0	6962.0	3125.0	5422.0
11	616	62440.0	19567.0	17002.0	29642.0	24604.5
11	617	22803.0	2762.0	4602.0	2002.0	3682.0
11	618	5082.0	12002.0	4402.0	7968.0	6525.0
11	619	42884.0	45528.0	4323.0	7601.0	25242.5
11	620	10041.0	16881.0	9362.0	22521.0	13461.0
12	621	71683.0	9441.0	14521.0	16041.0	15281.0
12	622	3562.0	4907.0	4001.0	4442.0	4221.5
12	623	45601.0	8081.0	12519.0	2479.0	10300.0
12	624	28163.0	7363.0	4163.0	2321.0	5763.0
12	625	6641.0	72643.0	33193.0	17280.0	25236.5
12	626	6201.0	5277.0	3961.0	9001.0	5739.0
12	627	9082.0	22843.0	6202.0	4401.0	7642.0
12	628	14962.0	3162.0	3722.0	2402.0	3442.0
12	629	5041.0	5561.0	7721.0	7880.0	6641.0
12	630	59924.0	3282.0	8522.0	2402.0	5902.0
13	631	7321.0	32552.0	16923.0	3482.0	12122.0
13	632	13368.0	8802.0	3282.0	7882.0	8342.0
13	633	2445.0	6440.0	2519.0	17204.0	4479.5
13	634	6443.0	4522.0	14003.0	51322.0	10223.0
13	635	11683.0	57168.0	41083.0	3402.0	26383.0
13	636	5522.0	2962.0	4522.0	2522.0	3742.0
13	637	6168.0	2522.0	4122.0	1962.0	3322.0
13	638	11641.0	14561.0	6921.0	3082.0	9281.0
13	639	7842.0	3042.0	6167.0	2321.0	4604.5
13	640	12321.0	7483.0	15322.0	7487.0	9904.0

NR = Not reached

Project No. 90R0066/05R034
Morris water maze on PND 67 +/-2
Relearning

IIA-2008
SAS9.4 06MAY19

sex=M Day=9

Test group	Animal No.	Latency time (ms) Trial 1	Latency time (ms) Trial 2	Latency time (ms) Trial 3	Latency time (ms) Trial 4	Median latency time (ms)
10	601	8243.0	3361.0	5445.0	5121.0	5283.0
10	602	5042.0	4401.0	6242.0	8362.0	5642.0
10	603	6083.0	7322.0	3122.0	16043.0	6702.5
10	604	3682.0	18041.0	2362.0	1722.0	3022.0
10	605	8522.0	51642.0	6482.0	13441.0	10981.5
10	606	14164.0	18602.0	12242.0	23802.0	16383.0
10	607	12282.0	14722.0	9881.0	2802.0	11081.5
10	608	4724.0	5089.0	4639.0	4202.0	4681.5
10	609	4162.0	6882.0	3837.0	5203.0	4682.5
10	610	41641.0	11318.0	15162.0	30082.0	22622.0
11	611	12721.0	33002.0	11042.0	3202.0	11881.5
11	612	8921.0	3722.0	3002.0	2329.0	3362.0
11	613	14202.0	3322.0	11243.0	11562.0	11402.5
11	614	5864.0	6041.0	5638.0	7403.0	5952.5
11	615	2398.0	34599.0	2643.0	1961.0	2520.5
11	616	26362.0	32242.0	11842.0	10843.0	19102.0
11	617	12844.0	11121.0	3608.0	10004.0	10562.5
11	618	5800.0	7760.0	5878.0	11361.0	6819.0
11	619	26884.0	6323.0	33122.0	2803.0	16603.5
11	620	53569.0	47923.0	35483.0	35323.0	41703.0
12	621	23563.0	40162.0	7603.0	11843.0	17703.0
12	622	2727.0	5402.0	5401.0	8761.0	5401.5
12	623	31245.0	10122.0	20922.0	4004.0	15522.0
12	624	3202.0	4162.0	4722.0	6402.0	4442.0
12	625	3721.0	26400.0	10242.0	9564.0	9903.0
12	626	3962.0	2683.0	4520.0	2800.0	3381.0
12	627	34008.0	6042.0	14083.0	12723.0	13403.0
12	628	7043.0	5605.0	3568.0	3243.0	4586.5
12	629	2322.0	4481.0	2964.0	2323.0	2643.5
12	630	14242.0	4477.0	4838.0	12962.0	8900.0
13	631	6962.0	4241.0	3122.0	2120.0	3681.5
13	632	3004.0	13404.0	3282.0	2161.0	3143.0
13	633	29682.0	6360.0	4201.0	2881.0	5280.5
13	634	11722.0	17563.0	NR	13200.0	15381.5
13	635	48804.0	4442.0	6963.0	2642.0	5702.5
13	636	3479.0	3362.0	81840.0	2918.0	3420.5
13	637	14717.0	4881.0	2360.0	1800.0	3620.5
13	638	32717.0	5562.0	3681.0	4641.0	5101.5
13	639	5923.0	5483.0	8241.0	2283.0	5703.0
13	640	9203.0	16123.0	8562.0	7603.0	8882.5

NR = Not reached

Project No. 90R0066/05R034
Morris water maze on PND 67 +/-2
Relearning

IIA-2009
SAS9.4 06MAY19

sex=F Day=6

Test group	Animal No.	Latency time (ms) Trial 1	Latency time (ms) Trial 2	Latency time (ms) Trial 3	Latency time (ms) Trial 4	Median latency time (ms)
10	701	30960.0	7121.0	15841.0	5163.0	11481.0
10	702	53403.0	NR	13921.0	43444.0	48423.5
10	703	18040.0	8239.0	28604.0	5003.0	13139.5
10	704	66964.0	3242.0	3203.0	2921.0	3222.5
10	705	34682.0	10842.0	9642.0	9282.0	10242.0
10	706	NR	28964.0	38562.0	12481.0	33763.0
10	707	4764.0	14603.0	21446.0	38044.0	18024.5
10	708	69401.0	8558.0	4242.0	5563.0	7060.5
10	709	6038.0	26683.0	8478.0	3402.0	7258.0
10	710	17159.0	10082.0	12243.0	4923.0	11162.5
11	711	5882.0	8082.0	3803.0	16564.0	6982.0
11	712	23804.0	28884.0	41482.0	55360.0	35183.0
11	713	42804.0	12482.0	5642.0	8362.0	10422.0
11	714	21164.0	NR	15441.0	11361.0	18302.5
11	715	22284.0	9443.0	9923.0	14483.0	12203.0
11	716	57482.0	2122.0	5763.0	9802.0	7782.5
11	717	30442.0	5922.0	8722.0	5322.0	7322.0
11	718	119162.0	26364.0	6243.0	4284.0	16303.5
11	719	37832.0	10082.0	6399.0	7762.0	8922.0
11	720	22840.0	10083.0	13003.0	3522.0	11543.0
12	721	22563.0	4082.0	16041.0	8082.0	12061.5
12	722	7002.0	5683.0	7884.0	13804.0	7443.0
12	723	17363.0	2328.0	18802.0	3487.0	10425.0
12	724	113280.0	20201.0	7323.0	7163.0	13762.0
12	725	44563.0	17962.0	10081.0	14922.0	16442.0
12	726	59603.0	31244.0	41962.0	7444.0	36603.0
12	727	118642.0	38403.0	9206.0	18044.0	28223.5
12	728	25042.0	95282.0	24562.0	7880.0	24802.0
12	729	44560.0	7322.0	24561.0	6323.0	15941.5
12	730	14364.0	10605.0	16482.0	4242.0	12484.5
13	731	38369.0	5122.0	36443.0	13441.0	24942.0
13	732	10246.0	3842.0	25001.0	16879.0	13562.5
13	733	17520.0	13563.0	6278.0	21832.0	15541.5
13	734	75192.0	11242.0	5842.0	7724.0	9483.0
13	735	31158.0	3282.0	3077.0	4362.0	3822.0
13	736	19123.0	9481.0	6361.0	7920.0	8700.5
13	737	71088.0	19643.0	3122.0	2802.0	11382.5
13	738	53081.0	4443.0	5245.0	3283.0	4844.0
13	739	64561.0	28678.0	8081.0	9282.0	18980.0
13	740	18603.0	42644.0	27402.0	9522.0	23002.5

NR = Not reached

Project No. 90R0066/05R034
Morris water maze on PND 67 +/-2
Relearning

IIA-2010
SAS9.4 06MAY19

sex=F Day=7

Test group	Animal No.	Latency time (ms) Trial 1	Latency time (ms) Trial 2	Latency time (ms) Trial 3	Latency time (ms) Trial 4	Median latency time (ms)
10	701	17082.0	3762.0	6122.0	3963.0	5042.5
10	702	12602.0	6683.0	16524.0	18964.0	14563.0
10	703	23964.0	35886.0	5039.0	4322.0	14501.5
10	704	29204.0	4043.0	2882.0	5243.0	4643.0
10	705	49443.0	6002.0	29082.0	5323.0	17542.0
10	706	4401.0	16364.0	10923.0	8882.0	9902.5
10	707	14722.0	11042.0	15763.0	24802.0	15242.5
10	708	10202.0	6643.0	34363.0	6643.0	8422.5
10	709	3683.0	9282.0	4723.0	22043.0	7002.5
10	710	14603.0	32725.0	2282.0	11083.0	12843.0
11	711	7683.0	3519.0	6003.0	7402.0	6702.5
11	712	19522.0	28843.0	20443.0	61124.0	24643.0
11	713	4963.0	5122.0	9682.0	3041.0	5042.5
11	714	2083.0	3642.0	10360.0	4046.0	3844.0
11	715	20525.0	7644.0	12564.0	23923.0	16544.5
11	716	8601.0	41842.0	13763.0	3202.0	11182.0
11	717	14163.0	17323.0	14843.0	4081.0	14503.0
11	718	13162.0	4161.0	8364.0	3963.0	6262.5
11	719	7042.0	6243.0	22802.0	8922.0	7982.0
11	720	12770.0	15003.0	4802.0	2842.0	8786.0
12	721	16923.0	3804.0	2123.0	6563.0	5183.5
12	722	12762.0	2562.0	3562.0	9602.0	6582.0
12	723	3002.0	5922.0	1762.0	3522.0	3262.0
12	724	27561.0	6124.0	9442.0	102285.0	18501.5
12	725	22442.0	15763.0	5041.0	5244.0	10503.5
12	726	9323.0	3442.0	8243.0	38522.0	8783.0
12	727	8123.0	40881.0	2362.0	10842.0	9482.5
12	728	3042.0	25442.0	3001.0	82882.0	14242.0
12	729	3603.0	22164.0	36723.0	9042.0	15603.0
12	730	2642.0	6960.0	13041.0	3519.0	5239.5
13	731	45232.0	7321.0	4521.0	5601.0	6461.0
13	732	6317.0	8482.0	14683.0	16723.0	11582.5
13	733	2842.0	12842.0	11483.0	5323.0	8403.0
13	734	45164.0	22723.0	13442.0	6242.0	18082.5
13	735	91362.0	6162.0	3882.0	3722.0	5022.0
13	736	20364.0	4201.0	10322.0	3922.0	7261.5
13	737	13443.0	18122.0	5282.0	18442.0	15782.5
13	738	38881.0	4602.0	10122.0	5002.0	7562.0
13	739	75112.0	4888.0	7921.0	40401.0	24161.0
13	740	8441.0	21243.0	20123.0	8722.0	14422.5

NR = Not reached

Project No. 90R0066/05R034
Morris water maze on PND 67 +/-2
Relearning

IIA-2011
SAS9.4 06MAY19

sex=F Day=8

Test group	Animal No.	Latency time (ms) Trial 1	Latency time (ms) Trial 2	Latency time (ms) Trial 3	Latency time (ms) Trial 4	Median latency time (ms)
10	701	7082.0	2761.0	2842.0	2081.0	2801.5
10	702	5001.0	6003.0	4520.0	21642.0	5502.0
10	703	20201.0	8682.0	31203.0	13241.0	16721.0
10	704	18483.0	3762.0	2882.0	35323.0	11122.5
10	705	15442.0	12923.0	NR	11523.0	14182.5
10	706	47763.0	10038.0	4203.0	5602.0	7820.0
10	707	51242.0	31921.0	4358.0	28282.0	30101.5
10	708	3601.0	23529.0	16243.0	13120.0	14681.5
10	709	21123.0	46721.0	8763.0	9241.0	15182.0
10	710	27682.0	4721.0	5121.0	18322.0	11721.5
11	711	14398.0	8839.0	19923.0	17004.0	15701.0
11	712	9442.0	57283.0	91472.0	27761.0	42522.0
11	713	57603.0	24963.0	11243.0	14602.0	19782.5
11	714	6003.0	3209.0	4596.0	5324.0	4960.0
11	715	4163.0	10842.0	23208.0	25642.0	17025.0
11	716	9443.0	2882.0	2361.0	2201.0	2621.5
11	717	18322.0	7883.0	11488.0	8923.0	10203.0
11	718	7241.0	24759.0	6643.0	10562.0	8901.5
11	719	35322.0	11962.0	7642.0	17963.0	14962.5
11	720	3322.0	2440.0	2322.0	2001.0	2381.0
12	721	14883.0	5845.0	10721.0	10480.0	10600.5
12	722	3202.0	9202.0	11122.0	2163.0	6202.0
12	723	2041.0	12162.0	2686.0	2362.0	2524.0
12	724	16722.0	9243.0	11403.0	5683.0	10323.0
12	725	12963.0	40524.0	7843.0	16842.0	14902.5
12	726	19393.0	7521.0	6001.0	6202.0	6861.5
12	727	12122.0	4643.0	10282.0	14803.0	11202.0
12	728	78280.0	28282.0	6483.0	5002.0	17382.5
12	729	19084.0	7403.0	18202.0	6679.0	12802.5
12	730	13322.0	4400.0	2960.0	16841.0	8861.0
13	731	8122.0	16042.0	16441.0	4642.0	12082.0
13	732	16522.0	54844.0	34044.0	31884.0	32964.0
13	733	8402.0	4241.0	6601.0	2922.0	5421.0
13	734	83122.0	11837.0	5683.0	32284.0	22060.5
13	735	9643.0	6447.0	5241.0	9482.0	7964.5
13	736	18604.0	4442.0	35683.0	2282.0	11523.0
13	737	14122.0	4329.0	3120.0	9321.0	6825.0
13	738	12522.0	11922.0	48648.0	3602.0	12222.0
13	739	25844.0	5202.0	5722.0	2843.0	5462.0
13	740	70916.0	19518.0	50842.0	4043.0	35180.0

NR = Not reached

Project No. 90R0066/05R034
Morris water maze on PND 67 +/-2
Relearning

IIA-2012
SAS9.4 06MAY19

sex=F Day=9

Test group	Animal No.	Latency time (ms) Trial 1	Latency time (ms) Trial 2	Latency time (ms) Trial 3	Latency time (ms) Trial 4	Median latency time (ms)
10	701	4323.0	3441.0	4684.0	12682.0	4503.5
10	702	6122.0	5361.0	4243.0	2244.0	4802.0
10	703	4083.0	14804.0	11165.0	21003.0	12984.5
10	704	22243.0	22522.0	10402.0	3243.0	16322.5
10	705	38002.0	6284.0	5681.0	3563.0	5982.5
10	706	16882.0	10402.0	NR	17802.0	17342.0
10	707	7959.0	22283.0	2802.0	11802.0	9880.5
10	708	6003.0	42643.0	4877.0	36282.0	21142.5
10	709	16882.0	7392.0	7402.0	44523.0	12142.0
10	710	3921.0	8843.0	23162.0	3642.0	6382.0
11	711	43883.0	6082.0	5001.0	3362.0	5541.5
11	712	20638.0	35805.0	49003.0	24433.0	30119.0
11	713	35202.0	21084.0	4280.0	2958.0	12682.0
11	714	6083.0	2803.0	13882.0	20642.0	9982.5
11	715	3923.0	7722.0	27404.0	16764.0	12243.0
11	716	4767.0	4522.0	4001.0	2321.0	4261.5
11	717	6201.0	6523.0	7088.0	6121.0	6362.0
11	718	4522.0	5165.0	3000.0	2082.0	3761.0
11	719	13164.0	59683.0	5602.0	3363.0	9383.0
11	720	8844.0	6402.0	4762.0	2482.0	5582.0
12	721	14323.0	6441.0	3643.0	4642.0	5541.5
12	722	4760.0	6443.0	5526.0	3842.0	5143.0
12	723	2481.0	6963.0	9243.0	5203.0	6083.0
12	724	33884.0	7010.0	15804.0	22123.0	18963.5
12	725	15802.0	33562.0	3281.0	21684.0	18743.0
12	726	3361.0	2882.0	8442.0	4765.0	4063.0
12	727	22123.0	3121.0	13122.0	16083.0	14602.5
12	728	7648.0	4644.0	3323.0	14240.0	6146.0
12	729	5043.0	6402.0	13681.0	8723.0	7562.5
12	730	5802.0	13442.0	4722.0	10122.0	7962.0
13	731	11401.0	27684.0	6202.0	10040.0	10720.5
13	732	15204.0	5443.0	6122.0	7763.0	6942.5
13	733	8844.0	6641.0	3680.0	2679.0	5160.5
13	734	20962.0	25483.0	12122.0	5522.0	16542.0
13	735	27843.0	3328.0	27284.0	6441.0	16862.5
13	736	27122.0	5321.0	8241.0	11763.0	10002.0
13	737	25645.0	12523.0	4642.0	13922.0	13222.5
13	738	11318.0	3203.0	10766.0	5279.0	8022.5
13	739	97000.0	8208.0	5603.0	9562.0	8885.0
13	740	55635.0	22042.0	56761.0	5042.0	38838.5

NR = Not reached

Project No. 90R0066/05R034
 Morris water maze on PND 67 +/-2
 Memory
 Probe trial 2, quadrant 4

IIA-2013
 SAS9.4 06MAY19

Sex=M

Test group	Animal No.	Cumul. Distance (cm)	% Time in target quadrant
10	601	29658.22	64.68
10	602	50222.76	32.40
10	603	39315.55	45.72
10	604	41883.88	39.87
10	605	57057.84	21.46
10	606	55141.49	14.80
10	607	63751.44	16.40
10	608	35251.79	55.33
10	609	34191.50	57.20
10	610	50095.34	31.33
11	611	41698.97	42.01
11	612	55644.86	11.45
11	613	56322.43	22.40
11	614	40172.39	44.15
11	615	46686.01	37.86
11	616	54315.17	9.22
11	617	57449.18	21.47
11	618	35636.47	48.80
11	619	54445.30	23.60
11	620	63913.31	27.06
12	621	59108.09	13.46
12	622	67344.50	8.80
12	623	54651.22	24.68
12	624	58543.42	15.99
12	625	39077.80	53.73
12	626	44979.77	39.07
12	627	61602.28	18.15
12	628	52622.37	23.06
12	629	35427.94	61.32
12	630	49150.62	39.96
13	631	50564.94	30.52
13	632	40607.29	42.06
13	633	46204.65	43.99
13	634	57076.32	28.94
13	635	57397.57	25.33
13	636	39293.30	49.19
13	637	53504.63	22.66
13	638	55724.64	18.14
13	639	53711.32	24.40
13	640	59394.48	18.00

Project No. 90R0066/05R034
Morris water maze on PND 67 +/-2
Memory
Probe trial 2, quadrant 4

IIA-2014
SAS9.4 06MAY19

Sex=F

Test group	Animal No.	Cumul. Distance (cm)	% Time in target quadrant
10	701	41552.52	40.94
10	702	57023.32	29.46
10	703	56489.94	29.46
10	704	64019.39	24.27
10	705	65992.46	18.53
10	706	56222.64	31.47
10	707	63315.24	26.93
10	708	65264.14	15.87
10	709	64536.01	15.32
10	710	43672.38	47.60
11	711	68923.53	14.79
11	712	68504.93	16.00
11	713	51523.91	30.80
11	714	56069.54	24.01
11	715	55942.17	40.40
11	716	46041.60	39.60
11	717	53736.62	24.00
11	718	55272.28	18.53
11	719	60591.72	14.27
11	720	46466.97	29.07
12	721	63634.99	18.26
12	722	66832.79	18.86
12	723	57713.08	18.53
12	724	72326.03	11.73
12	725	59539.33	30.66
12	726	36513.43	50.92
12	727	56618.60	9.46
12	728	53289.04	31.07
12	729	45116.87	39.86
12	730	45803.13	35.06
13	731	65241.08	21.22
13	732	54194.36	24.80
13	733	50330.82	28.40
13	734	62530.58	15.72
13	735	54911.65	15.46
13	736	46012.97	40.68
13	737	46851.16	26.26
13	738	56824.02	29.07
13	739	65930.32	26.00
13	740	76518.76	1.87

IIA- 2015

15-Apr-2019 14:54

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs - Clinical Observation

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Remark	First Day	Last Day	Duration [Days]
Test Group 10/M 0 mg/kg bw/d	1001	normal	NAD			0	33	34
		dead	sacrificed	scheduled		33	33	1
	1002	normal	NAD			0	33	34
		dead	sacrificed	scheduled		33	33	1
	1003	normal	NAD			0	33	34
		dead	sacrificed	scheduled		33	33	1
	1004	normal	NAD			0	34	35
		dead	sacrificed	scheduled		34	34	1
	1005	normal	NAD			0	34	35
		dead	sacrificed	scheduled		34	34	1
Test Group 10/M 0 mg/kg bw/d	1006	normal	NAD			0	34	35
		dead	sacrificed	scheduled		34	34	1
	1007	normal	NAD			0	35	36
		dead	sacrificed	scheduled		35	35	1
	1008	normal	NAD			0	35	36
		dead	sacrificed	scheduled		35	35	1
	1009	normal	NAD			0	35	36
		dead	sacrificed	scheduled		35	35	1
	1010	normal	NAD			0	36	37
		dead	sacrificed	scheduled		36	36	1

IIA- 2016

15-Apr-2019 14:54

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs - Clinical Observation

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Remark	First Day	Last Day	Duration [Days]
Test Group 11/M 20 mg/kg bw/d	1011	normal	NAD			0	33	34
		dead	sacrificed	scheduled		33	33	1
	1012	normal	NAD			0	33	34
		dead	sacrificed	scheduled		33	33	1
	1013	normal	NAD			0	33	34
		dead	sacrificed	scheduled		33	33	1
	1014	normal	NAD			0	34	35
		dead	sacrificed	scheduled		34	34	1
	1015	normal	NAD			0	34	35
		dead	sacrificed	scheduled		34	34	1
	1016	normal	NAD			0	34	35
		dead	sacrificed	scheduled		34	34	1
	1017	normal	NAD			0	35	36
		dead	sacrificed	scheduled		35	35	1
	1018	normal	NAD			0	35	36
		dead	sacrificed	scheduled		35	35	1
	1019	normal	NAD			0	35	36
		dead	sacrificed	scheduled		35	35	1
	1020	normal	NAD			0	36	37
		dead	sacrificed	scheduled		36	36	1

IIA- 2017

15-Apr-2019 14:54

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs - Clinical Observation

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Remark	First Day	Last Day	Duration [Days]
Test Group 12/M 60 mg/kg bw/d	1021	normal	NAD			0	33	34
		dead	sacrificed	scheduled		33	33	1
	1022	normal	NAD			0	33	34
		dead	sacrificed	scheduled		33	33	1
	1023	normal	NAD			0	33	34
		dead	sacrificed	scheduled		33	33	1
	1024	normal	NAD			0	34	35
		dead	sacrificed	scheduled		34	34	1
	1025	normal	NAD			0	34	35
		dead	sacrificed	scheduled		34	34	1
Test Group 12/M 60 mg/kg bw/d	1026	normal	NAD			0	34	35
		dead	sacrificed	scheduled		34	34	1
	1027	normal	NAD			0	35	36
		dead	sacrificed	scheduled		35	35	1
	1028	normal	NAD			0	35	36
		dead	sacrificed	scheduled		35	35	1
	1029	normal	NAD			0	35	36
		dead	sacrificed	scheduled		35	35	1
	1030	normal	NAD			0	36	37
		dead	sacrificed	scheduled		36	36	1

IIA- 2018

15-Apr-2019 14:54

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs - Clinical Observation

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Remark	First Day	Last Day	Duration [Days]
Test Group 13/M 180 mg/kg bw/d	1031	normal	NAD			0	33	34
		dead	sacrificed	scheduled		33	33	1
	1032	normal	NAD			0	33	34
		dead	sacrificed	scheduled		33	33	1
	1033	normal	NAD			0	34	35
		dead	sacrificed	scheduled		34	34	1
	1034	normal	NAD			0	34	35
		dead	sacrificed	scheduled		34	34	1
	1035	normal	NAD			0	34	35
		dead	sacrificed	scheduled		34	34	1
	1036	normal	NAD			0	35	36
		dead	sacrificed	scheduled		35	35	1
	1037	normal	NAD			0	35	36
		dead	sacrificed	scheduled		35	35	1
	1038	normal	NAD			0	35	36
		dead	sacrificed	scheduled		35	35	1
	1039	normal	NAD			0	36	37
		dead	sacrificed	scheduled		36	36	1
	1040	normal	NAD			0	36	37
		dead	sacrificed	scheduled		36	36	1

IIA- 2019

15-Apr-2019 14:57

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs - Clinical Observation

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Remark	First Day	Last Day	Duration [Days]
Test Group 10/F 0 mg/kg bw/d	1101	normal	NAD			0	33	34
		dead	sacrificed	scheduled		33	33	1
	1102	normal	NAD			0	33	34
		dead	sacrificed	scheduled		33	33	1
	1103	normal	NAD			0	33	34
		dead	sacrificed	scheduled		33	33	1
	1104	normal	NAD			0	33	34
		dead	sacrificed	scheduled		33	33	1
	1105	normal	NAD			0	34	35
		dead	sacrificed	scheduled		34	34	1
Test Group 10/F 0 mg/kg bw/d	1106	normal	NAD			0	34	35
		dead	sacrificed	scheduled		34	34	1
	1107	normal	NAD			0	34	35
		dead	sacrificed	scheduled		34	34	1
	1108	normal	NAD			0	35	36
		dead	sacrificed	scheduled		35	35	1
	1109	normal	NAD			0	35	36
		dead	sacrificed	scheduled		35	35	1
	1110	normal	NAD			0	36	37
		dead	sacrificed	scheduled		36	36	1

IIA- 2020

15-Apr-2019 14:57

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs - Clinical Observation

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Remark	First Day	Last Day	Duration [Days]
Test Group 11/F 20 mg/kg bw/d	1111	normal	NAD			0	17	18
		dead	found dead		Descriptions: -	18	18	1
	1112	normal	NAD			0	33	34
		dead	sacrificed scheduled			33	33	1
	1113	normal	NAD			0	33	34
		dead	sacrificed scheduled			33	33	1
	1114	normal	NAD			0	33	34
		dead	sacrificed scheduled			33	33	1
	1115	normal	NAD			0	34	35
		dead	sacrificed scheduled			34	34	1
	1116	normal	NAD			0	34	35
		dead	sacrificed scheduled			34	34	1
	1117	normal	NAD			0	34	35
		dead	sacrificed scheduled			34	34	1
	1118	normal	NAD			0	35	36
		dead	sacrificed scheduled			35	35	1
	1119	normal	NAD			0	35	36
		dead	sacrificed scheduled			35	35	1
	1120	normal	NAD			0	35	36
		dead	sacrificed scheduled			35	35	1

IIA- 2021

15-Apr-2019 14:57

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs - Clinical Observation

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Remark	First Day	Last Day	Duration [Days]
Test Group 12/F 60 mg/kg bw/d	1121	normal	NAD			0	33	34
		dead	sacrificed	scheduled		33	33	1
	1122	normal	NAD			0	33	34
		dead	sacrificed	scheduled		33	33	1
	1123	normal	NAD			0	34	35
		dead	sacrificed	scheduled		34	34	1
	1124	normal	NAD			0	34	35
		dead	sacrificed	scheduled		34	34	1
	1125	normal	NAD			0	34	35
		dead	sacrificed	scheduled		34	34	1
Test Group 12/F 60 mg/kg bw/d	1126	normal	NAD			0	35	36
		dead	sacrificed	scheduled		35	35	1
	1127	normal	NAD			0	35	36
		dead	sacrificed	scheduled		35	35	1
	1128	normal	NAD			0	35	36
		dead	sacrificed	scheduled		35	35	1
	1129	normal	NAD			0	36	37
		dead	sacrificed	scheduled		36	36	1
	1130	normal	NAD			0	36	37
		dead	sacrificed	scheduled		36	36	1

IIA- 2022
15-Apr-2019 14:57
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs - Clinical Observation

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Remark	First Day	Last Day	Duration [Days]
Test Group 13/F 180 mg/kg bw/d	1131	normal	NAD			0	33	34
		dead	sacrificed	scheduled		33	33	1
	1132	normal	NAD			0	33	34
		dead	sacrificed	scheduled		33	33	1
	1133	normal	NAD			0	33	34
		dead	sacrificed	scheduled		33	33	1
	1134	normal	NAD			0	34	35
		dead	sacrificed	scheduled		34	34	1
	1135	normal	NAD			0	34	35
		dead	sacrificed	scheduled		34	34	1
Test Group 13/F 180 mg/kg bw/d	1136	normal	NAD			0	34	35
		dead	sacrificed	scheduled		34	34	1
	1137	normal	NAD			0	35	36
		dead	sacrificed	scheduled		35	35	1
	1138	normal	NAD			0	35	36
		dead	sacrificed	scheduled		35	35	1
	1139	normal	NAD			0	35	36
		dead	sacrificed	scheduled		35	35	1
	1140	normal	NAD			0	36	37
		dead	sacrificed	scheduled		36	36	1

IIA- 2023
15-Apr-2019 15:04
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					0	0	0	1	1	1	1	2	2	2
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]
Test Group 10/M 0 mg/kg bw/d	1001	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1002	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1003	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1004	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1005	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1006	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1007	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1008	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1009	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1010	normal	NAD		1	1	1	1	1	1	1	1	1	1

Study
90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

[illegible]

IIA- 2025

15-Apr-2019 15:06

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					6	6	6	7	7	7	7	8
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
Test Group 10/M 0 mg/kg bw/d	1001	normal	NAD		1	1	1	1	1	1	1	1
	1002	normal	NAD		1	1	1	1	1	1	1	1
	1003	normal	NAD		1	1	1	1	1	1	1	1
	1004	normal	NAD		1	1	1	1	1	1	1	1
	1005	normal	NAD		1	1	1	1	1	1	1	1
	1006	normal	NAD		1	1	1	1	1	1	1	1
	1007	normal	NAD		1	1	1	1	1	1	1	1
	1008	normal	NAD		1	1	1	1	1	1	1	1
	1009	normal	NAD		1	1	1	1	1	1	1	1
	1010	normal	NAD		1	1	1	1	1	1	1	1

Study
90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Male - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day						
					9	9	9	10	10	10	11
					[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]
Test Group 10/M 0 mg/kg bw/d	1001	normal	NAD		1	1	1	1	1	1	1
	1002	normal	NAD		1	1	1	1	1	1	1
	1003	normal	NAD		1	1	1	1	1	1	1
	1004	normal	NAD		1	1	1	1	1	1	1
	1005	normal	NAD		1	1	1	1	1	1	1
	1006	normal	NAD		1	1	1	1	1	1	1
	1007	normal	NAD		1	1	1	1	1	1	1
	1008	normal	NAD		1	1	1	1	1	1	1
	1009	normal	NAD		1	1	1	1	1	1	1
	1010	normal	NAD		1	1	1	1	1	1	1

Study
90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

[illegible]

Study
90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Male - Phase: In-life

[illegible]

Study
90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

[illegible]

IIA- 2030
15-Apr-2019 15:07
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					21	21	21	22	22	22	22	23	23	23
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]
	1001	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1002	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1003	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1004	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1005	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1006	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1007	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1008	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1009	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1010	normal	NAD		1	1	1	1	1	1	1	1	1	1

Test Group
10/M
0 mg/kg
bw/d

Study
90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Male - Phase: In-life

[illegible]

IIA- 2032

15-Apr-2019 15:07

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					27	27	27	28	28	28	28	29	29	29
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]
Test Group 10/M 0 mg/kg bw/d	1001	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1002	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1003	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1004	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1005	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1006	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1007	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1008	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1009	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1010	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2033

15-Apr-2019 15:07

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					30	30	30	31	31	31	31	32	32	32
	1001	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1002	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1003	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1004	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1005	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1006	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1007	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1008	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1009	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1010	normal	NAD		1	1	1	1	1	1	1	1	1	1

Test Group
10/M
0 mg/kg
bw/d

IIA- 2034
15-Apr-2019 15:07
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					33	33	33	34	34	34	34	35	35	35
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[00:00- 02:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]
	1001	normal	NAD					NS	NS	NS	NS	NS	NS	NS
	1002	normal	NAD					NS	NS	NS	NS	NS	NS	NS
	1003	normal	NAD					NS	NS	NS	NS	NS	NS	NS
	1004	normal	NAD		1	1	1					NS	NS	NS
	1005	normal	NAD		1	1	1					NS	NS	NS
	1006	normal	NAD		1	1	1					NS	NS	NS
	1007	normal	NAD		1	1	1	1	1	1	1			
	1008	normal	NAD		1	1	1	1	1	1	1			
	1009	normal	NAD		1	1	1	1	1	1	1			
	1010	normal	NAD		1	1	1	1	1	1	1	1	1	1

NS = No More Scheduled

IIA- 2035

15-Apr-2019 15:11

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day											
					0			1			2			3		
					00:00-02:00	02:00-05:00	05:00-08:00	08:00-11:00	11:00-14:00	14:00-17:00	17:00-20:00	20:00-23:00	23:00-02:00	02:00-05:00	05:00-08:00	08:00-11:00
Test Group 11/M	1011	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1012	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1013	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1014	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1015	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
20 mg/kg bw/d	1016	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1017	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1018	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1019	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1020	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1

IIA- 2036
15-Apr-2019 15:13
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					3	3	3	4	4	4	4	5	5	5
					[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]
Test Group 11/M 20 mg/kg bw/d	1011	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1012	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1013	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1014	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1015	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1016	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1017	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1018	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1019	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1020	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2037
15-Apr-2019 15:13
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					6	6	6	7	7	7	7	8
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
Test Group 11/M 20 mg/kg bw/d	1011	normal	NAD		1	1	1	1	1	1	1	1
	1012	normal	NAD		1	1	1	1	1	1	1	1
	1013	normal	NAD		1	1	1	1	1	1	1	1
	1014	normal	NAD		1	1	1	1	1	1	1	1
	1015	normal	NAD		1	1	1	1	1	1	1	1
	1016	normal	NAD		1	1	1	1	1	1	1	1
	1017	normal	NAD		1	1	1	1	1	1	1	1
	1018	normal	NAD		1	1	1	1	1	1	1	1
	1019	normal	NAD		1	1	1	1	1	1	1	1
	1020	normal	NAD		1	1	1	1	1	1	1	1

IIA- 2038
15-Apr-2019 15:13
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					9	9	9	9	10	10	10	10	11	11
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[-02:00-05:00]
Test Group 11/M	1011	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1012	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1013	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1014	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1015	normal	NAD		1	1	1	1	1	1	1	1	1	1
20 mg/kg low/d	1016	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1017	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1018	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1019	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1020	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2039

15-Apr-2019 15:13

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					12	12	12	13	13	13	13	14
					[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[00:00- 02:00]
Test Group 11/M 20 mg/kg bw/d	1011	normal	NAD		1	1	1	1	1	1	1	1
	1012	normal	NAD		1	1	1	1	1	1	1	1
	1013	normal	NAD		1	1	1	1	1	1	1	1
	1014	normal	NAD		1	1	1	1	1	1	1	1
	1015	normal	NAD		1	1	1	1	1	1	1	1
	1016	normal	NAD		1	1	1	1	1	1	1	1
	1017	normal	NAD		1	1	1	1	1	1	1	1
	1018	normal	NAD		1	1	1	1	1	1	1	1
	1019	normal	NAD		1	1	1	1	1	1	1	1
	1020	normal	NAD		1	1	1	1	1	1	1	1

IIA- 2040
15-Apr-2019 15:13
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					15 [-03:00 - 00:00]	15 [00:00 - 02:00]	15 [02:00 - 05:00]	16 [-03:00 - 00:00]	16 [00:00 - 02:00]	16 [02:00 - 05:00]	17 [-03:00 - 00:00]	17 [00:00 - 02:00]	17 [02:00 - 05:00]	
Test Group 11/M	1011	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1012	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1013	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1014	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1015	normal	NAD		1	1	1	1	1	1	1	1	1	1
20 mg/kg bw/d	1016	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1017	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1018	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1019	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1020	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2041
15-Apr-2019 15:14
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					18	18	18	19	19	19	19	20	20	20
					[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]
Test Group 11/M 20 mg/kg bw/d	1011	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1012	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1013	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1014	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1015	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1016	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1017	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1018	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1019	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1020	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2042
15-Apr-2019 15:14
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					21	21	21	22	22	22	23	23
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
	1011	normal	NAD		1	1	1	1	1	1	1	1
	1012	normal	NAD		1	1	1	1	1	1	1	1
	1013	normal	NAD		1	1	1	1	1	1	1	1
	1014	normal	NAD		1	1	1	1	1	1	1	1
	1015	normal	NAD		1	1	1	1	1	1	1	1
	1016	normal	NAD		1	1	1	1	1	1	1	1
	1017	normal	NAD		1	1	1	1	1	1	1	1
	1018	normal	NAD		1	1	1	1	1	1	1	1
	1019	normal	NAD		1	1	1	1	1	1	1	1
	1020	normal	NAD		1	1	1	1	1	1	1	1

Test Group
11/M
20 mg/kg
bw/d

IIA- 2043

15-Apr-2019 15:14

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					24	24	24	25	25	25	25	26	26	26
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[00:00- 02:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]
Test Group 11/M 20 mg/kg bw/d	1011	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1012	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1013	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1014	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1015	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1016	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1017	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1018	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1019	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1020	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2044
15-Apr-2019 15:14
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					27	27	27	28	28	28	29	29
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
	1011	normal	NAD		1	1	1	1	1	1	1	1
	1012	normal	NAD		1	1	1	1	1	1	1	1
	1013	normal	NAD		1	1	1	1	1	1	1	1
	1014	normal	NAD		1	1	1	1	1	1	1	1
	1015	normal	NAD		1	1	1	1	1	1	1	1
	1016	normal	NAD		1	1	1	1	1	1	1	1
	1017	normal	NAD		1	1	1	1	1	1	1	1
	1018	normal	NAD		1	1	1	1	1	1	1	1
	1019	normal	NAD		1	1	1	1	1	1	1	1
	1020	normal	NAD		1	1	1	1	1	1	1	1

Test Group
11/M
20 mg/kg
bw/d

IIA- 2045

15-Apr-2019 15:14

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					30	30	30	31	31	31	31	31	32	32
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]
Test Group 11/M 20 mg/kg bw/d	1011	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1012	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1013	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1014	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1015	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1016	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1017	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1018	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1019	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1020	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2046
15-Apr-2019 15:14
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					33	33	33	34	34	34	34	35	35	35
	1011	normal	NAD		[-03:00- 00:00]	02:00]		NS	NS	NS	NS	NS	NS	NS
	1012	normal	NAD					NS	NS	NS	NS	NS	NS	NS
	1013	normal	NAD					NS	NS	NS	NS	NS	NS	NS
Test Group 11/M 20 mg/kg bw/d	1014	normal	NAD		1	1	1					NS	NS	NS
	1015	normal	NAD		1	1	1					NS	NS	NS
	1016	normal	NAD		1	1	1					NS	NS	NS
	1017	normal	NAD		1	1	1	1	1	1	1			
	1018	normal	NAD		1	1	1	1	1	1	1			
	1019	normal	NAD		1	1	1	1	1	1	1			
	1020	normal	NAD		1	1	1	1	1	1	1	1	1	1

NS = No More Scheduled

IIA- 2047

15-Apr-2019 15:17

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					0	0	0	1	1	1	1	1	2	2
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[-03:00- 00:00]	[00:00- 02:00]
Test Group 12/M 60 mg/kg bw/d	1021	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1022	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1023	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1024	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1025	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1026	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1027	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1028	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1029	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1030	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2048

15-Apr-2019 15:19

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					3	3	3	4	4	4	4	5	5	5
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]
Test Group 12/M 60 mg/kg bw/d	1021	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1022	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1023	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1024	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1025	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1026	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1027	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1028	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1029	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1030	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2049

15-Apr-2019 15:19

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					6	6	6	7	7	7	7	8
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
Test Group 12/M 60 mg/kg bw/d	1021	normal	NAD		1	1	1	1	1	1	1	1
	1022	normal	NAD		1	1	1	1	1	1	1	1
	1023	normal	NAD		1	1	1	1	1	1	1	1
	1024	normal	NAD		1	1	1	1	1	1	1	1
	1025	normal	NAD		1	1	1	1	1	1	1	1
	1026	normal	NAD		1	1	1	1	1	1	1	1
	1027	normal	NAD		1	1	1	1	1	1	1	1
	1028	normal	NAD		1	1	1	1	1	1	1	1
	1029	normal	NAD		1	1	1	1	1	1	1	1
	1030	normal	NAD		1	1	1	1	1	1	1	1

IIA- 2050

15-Apr-2019 15:19

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					9	9	9	9	10	10	10	10	11	11
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]
Test Group 12/M 60 mg/kg bw/d	1021	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1022	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1023	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1024	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1025	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1026	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1027	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1028	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1029	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1030	normal	NAD		1	1	1	1	1	1	1	1	1	1

Study

90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Male - Phase: In-life

[illegible]

Study
90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Male - Phase: In-life

[illegible]

Study

90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Male - Phase: In-life

[illegible]

IIA- 2054

15-Apr-2019 15:20

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					21	21	21	22	22	22	23	23
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
	1021	normal	NAD		1	1	1	1	1	1	1	1
	1022	normal	NAD		1	1	1	1	1	1	1	1
	1023	normal	NAD		1	1	1	1	1	1	1	1
	1024	normal	NAD		1	1	1	1	1	1	1	1
	1025	normal	NAD		1	1	1	1	1	1	1	1
	1026	normal	NAD		1	1	1	1	1	1	1	1
	1027	normal	NAD		1	1	1	1	1	1	1	1
	1028	normal	NAD		1	1	1	1	1	1	1	1
	1029	normal	NAD		1	1	1	1	1	1	1	1
	1030	normal	NAD		1	1	1	1	1	1	1	1

Test Group
12/M
60 mg/kg
bw/d

IIA- 2055

15-Apr-2019 15:20

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					24	24	24	25	25	25	25	26	26	26
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]
Test Group 12/M 60 mg/kg bw/d	1021	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1022	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1023	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1024	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1025	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1026	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1027	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1028	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1029	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1030	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2056
15-Apr-2019 15:20
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					27	27	27	28	28	28	28	29	29	29
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]
Test Group 12/M 60 mg/kg bw/d	1021	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1022	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1023	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1024	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1025	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1026	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1027	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1028	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1029	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1030	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2057

15-Apr-2019 15:20

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					30	30	30	31	31	31	31	32	32	32
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]
Test Group 12/M 60 mg/kg bw/d	1021	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1022	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1023	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1024	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1025	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1026	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1027	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1028	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1029	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1030	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2058
15-Apr-2019 15:20
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					33	33	33	33	34	34	34	34	35	35
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 03:00]	[03:00- 05:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
	1021	normal	NAD						NS	NS	NS	NS	NS	NS
	1022	normal	NAD						NS	NS	NS	NS	NS	NS
	1023	normal	NAD						NS	NS	NS	NS	NS	NS
Test Group	1024	normal	NAD		1	1	1						NS	NS
12/M	1025	normal	NAD		1	1	1						NS	NS
60 mg/kg	1026	normal	NAD		1	1	1						NS	NS
bw/d	1027	normal	NAD		1	1	1		1	1	1	1		
	1028	normal	NAD		1	1	1		1	1	1	1		
	1029	normal	NAD		1	1	1		1	1	1	1		
	1030	normal	NAD		1	1	1		1	1	1	1	1	1

NS = No More Scheduled

IIA- 2059

15-Apr-2019 15:21

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day											
					0			1			2			3		
					00:00-01:00	01:00-02:00	02:00-03:00	03:00-04:00	04:00-05:00	05:00-06:00	06:00-07:00	07:00-08:00	08:00-09:00	09:00-10:00	10:00-11:00	11:00-12:00
Test Group 13/M 180 mg/kg bw/d	1031	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1032	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1033	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1034	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1035	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1036	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1037	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1038	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1039	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1040	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1

IIA- 2060
15-Apr-2019 15:23
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					3	3	3	3	4	4	4	4	5	5
					[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- [-03:00- 00:00]	[00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- [-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]
Test Group 13/M 180 mg/kg bw/d	1031	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1032	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1033	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1034	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1035	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1036	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1037	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1038	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1039	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1040	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2061
15-Apr-2019 15:23
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					6	6	6	7	7	7	7	8
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
Test Group 13/M 180 mg/kg bw/d	1031	normal	NAD		1	1	1	1	1	1	1	1
	1032	normal	NAD		1	1	1	1	1	1	1	1
	1033	normal	NAD		1	1	1	1	1	1	1	1
	1034	normal	NAD		1	1	1	1	1	1	1	1
	1035	normal	NAD		1	1	1	1	1	1	1	1
	1036	normal	NAD		1	1	1	1	1	1	1	1
	1037	normal	NAD		1	1	1	1	1	1	1	1
	1038	normal	NAD		1	1	1	1	1	1	1	1
	1039	normal	NAD		1	1	1	1	1	1	1	1
	1040	normal	NAD		1	1	1	1	1	1	1	1

IIA- 2062

15-Apr-2019 15:23

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					9	9	9	9	10	10	10	10	11	11
					[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[02:00- 05:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]
	1031	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1032	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1033	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1034	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1035	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1036	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1037	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1038	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1039	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1040	normal	NAD		1	1	1	1	1	1	1	1	1	1

Test Group
13/M
180 mg/kg
bw/d

IIA- 2063

15-Apr-2019 15:23

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					12	12	12	13	13	13	13	14
					[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[00:00- 02:00]
Test Group 13/M 180 mg/kg bw/d	1031	normal	NAD		1	1	1	1	1	1	1	1
	1032	normal	NAD		1	1	1	1	1	1	1	1
	1033	normal	NAD		1	1	1	1	1	1	1	1
	1034	normal	NAD		1	1	1	1	1	1	1	1
	1035	normal	NAD		1	1	1	1	1	1	1	1
	1036	normal	NAD		1	1	1	1	1	1	1	1
	1037	normal	NAD		1	1	1	1	1	1	1	1
	1038	normal	NAD		1	1	1	1	1	1	1	1
	1039	normal	NAD		1	1	1	1	1	1	1	1
	1040	normal	NAD		1	1	1	1	1	1	1	1

IIA- 2064

15-Apr-2019 15:23

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					15	15	15	16	16	16	16	17	17	17
					[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]
	1031	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1032	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1033	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1034	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1035	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1036	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1037	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1038	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1039	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1040	normal	NAD		1	1	1	1	1	1	1	1	1	1

Test Group
13/M
180 mg/kg
bw/d

Study
90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Male - Phase: In-life

[illegible]

IIA- 2066

15-Apr-2019 15:24

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					21	21	21	22	22	22	23	23
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]
Test Group 13/M 180 mg/kg bw/d	1031	normal	NAD		1	1	1	1	1	1	1	1
	1032	normal	NAD		1	1	1	1	1	1	1	1
	1033	normal	NAD		1	1	1	1	1	1	1	1
	1034	normal	NAD		1	1	1	1	1	1	1	1
	1035	normal	NAD		1	1	1	1	1	1	1	1
	1036	normal	NAD		1	1	1	1	1	1	1	1
	1037	normal	NAD		1	1	1	1	1	1	1	1
	1038	normal	NAD		1	1	1	1	1	1	1	1
	1039	normal	NAD		1	1	1	1	1	1	1	1
	1040	normal	NAD		1	1	1	1	1	1	1	1

IIA- 2067

15-Apr-2019 15:24

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					24	24	24	25	25	25	25	26	26	26
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]
Test Group 13/M 180 mg/kg bw/d	1031	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1032	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1033	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1034	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1035	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1036	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1037	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1038	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1039	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1040	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2068

15-Apr-2019 15:24

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					27	27	27	28	28	28	29	29
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]
	1031	normal	NAD		1	1	1	1	1	1	1	1
	1032	normal	NAD		1	1	1	1	1	1	1	1
	1033	normal	NAD		1	1	1	1	1	1	1	1
	1034	normal	NAD		1	1	1	1	1	1	1	1
	1035	normal	NAD		1	1	1	1	1	1	1	1
	1036	normal	NAD		1	1	1	1	1	1	1	1
	1037	normal	NAD		1	1	1	1	1	1	1	1
	1038	normal	NAD		1	1	1	1	1	1	1	1
	1039	normal	NAD		1	1	1	1	1	1	1	1
	1040	normal	NAD		1	1	1	1	1	1	1	1

Test Group
13/M
180 mg/kg
bw/d

IIA- 2069

15-Apr-2019 15:24

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					30	30	30	31	31	31	32	32
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
	1031	normal	NAD		1	1	1	1	1	1	1	1
	1032	normal	NAD		1	1	1	1	1	1	1	1
	1033	normal	NAD		1	1	1	1	1	1	1	1
	1034	normal	NAD		1	1	1	1	1	1	1	1
	1035	normal	NAD		1	1	1	1	1	1	1	1
	1036	normal	NAD		1	1	1	1	1	1	1	1
	1037	normal	NAD		1	1	1	1	1	1	1	1
	1038	normal	NAD		1	1	1	1	1	1	1	1
	1039	normal	NAD		1	1	1	1	1	1	1	1
	1040	normal	NAD		1	1	1	1	1	1	1	1

IIA- 2070

15-Apr-2019 15:24

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					33	33	33	34	34	34	34	35	35	35
					[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]	[00:00 - 02:00]	[-03:00 - 00:00]	[00:00 - 02:00]	[02:00 - 05:00]
	1031	normal	NAD					NS	NS	NS	NS	NS	NS	NS
	1032	normal	NAD					NS	NS	NS	NS	NS	NS	NS
	1033	normal	NAD		1	1	1					NS	NS	NS
	1034	normal	NAD		1	1	1					NS	NS	NS
	1035	normal	NAD		1	1	1					NS	NS	NS
	1036	normal	NAD		1	1	1	1	1	1	1			
	1037	normal	NAD		1	1	1	1	1	1	1			
	1038	normal	NAD		1	1	1	1	1	1	1			
	1039	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1040	normal	NAD		1	1	1	1	1	1	1	1	1	1

NS = No More Scheduled

IIA- 2071

15-Apr-2019 15:25

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					0	0	0	0	1	1	1	1	1	1
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[02:00-05:00]	[-03:00-00:00]	[02:00-05:00]
Test Group 10/F 0 mg/kg bw/d	1101	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1102	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1103	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1104	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1105	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1106	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1107	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1108	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1109	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1110	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2072

15-Apr-2019 15:27

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					3	3	3	3	4	4	4	4	5	5
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
Test Group 10/F 0 mg/kg bw/d	1101	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1102	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1103	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1104	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1105	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1106	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1107	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1108	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1109	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1110	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2073

15-Apr-2019 15:27

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					6	6	6	7	7	7	7	8
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
Test Group 10/F 0 mg/kg bw/d	1101	normal	NAD		1	1	1	1	1	1	1	1
	1102	normal	NAD		1	1	1	1	1	1	1	1
	1103	normal	NAD		1	1	1	1	1	1	1	1
	1104	normal	NAD		1	1	1	1	1	1	1	1
	1105	normal	NAD		1	1	1	1	1	1	1	1
	1106	normal	NAD		1	1	1	1	1	1	1	1
	1107	normal	NAD		1	1	1	1	1	1	1	1
	1108	normal	NAD		1	1	1	1	1	1	1	1
	1109	normal	NAD		1	1	1	1	1	1	1	1
	1110	normal	NAD		1	1	1	1	1	1	1	1

IIA- 2074

15-Apr-2019 15:27

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					9	9	9	9	10	10	10	10	11	11
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]
	1101	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1102	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1103	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1104	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1105	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1106	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1107	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1108	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1109	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1110	normal	NAD		1	1	1	1	1	1	1	1	1	1

Test Group
10/F
0 mg/kg
bw/d

IIA- 2075

15-Apr-2019 15:27

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					12	12	12	13	13	13	13	13	14	14
					[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]
Test Group 10/F 0 mg/kg bw/d	1101	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1102	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1103	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1104	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1105	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1106	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1107	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1108	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1109	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1110	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2076

15-Apr-2019 15:27

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					15 [-03:00- 00:00]	15 [00:00- 02:00]	15 [02:00- 05:00]	16 [-03:00- 00:00]	16 [00:00- 02:00]	16 [00:00- 05:00]	16 [02:00- 05:00]	17 [-03:00- 00:00]	17 [00:00- 02:00]	17 [02:00- 05:00]
Test Group 10/F 0 mg/kg bw/d	1101	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1102	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1103	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1104	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1105	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1106	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1107	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1108	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1109	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1110	normal	NAD		1	1	1	1	1	1	1	1	1	1

Test Group
10/F
0 mg/kg
bw/d

IIA- 2077

15-Apr-2019 15:28

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					18	18	18	19	19	19	19	20	20	20
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]
Test Group 10/F 0 mg/kg bw/d	1101	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1102	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1103	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1104	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1105	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1106	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1107	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1108	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1109	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1110	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2078
15-Apr-2019 15:28
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					21	21	21	22	22	22	22	23	23	23
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]
Test Group 10/F 0 mg/kg bw/d	1101	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1102	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1103	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1104	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1105	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1106	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1107	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1108	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1109	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1110	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2079

15-Apr-2019 15:28

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					24	24	24	25	25	25	25	26	26	26
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[00:00-02:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]
Test Group 10/F 0 mg/kg bw/d	1101	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1102	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1103	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1104	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1105	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1106	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1107	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1108	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1109	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1110	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2080
15-Apr-2019 15:28
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					27	27	27	28	28	28	28	28	29	29
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]
Test Group 10/F 0 mg/kg bw/d	1101	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1102	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1103	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1104	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1105	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1106	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1107	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1108	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1109	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1110	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2081
15-Apr-2019 15:28
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					30	30	30	31	31	31	31	32	32	32
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	
Test Group 10/F 0 mg/kg bw/d	1101	normal		NAD	1	1	1	1	1	1	1	1	1	1
	1102	normal		NAD	1	1	1	1	1	1	1	1	1	1
	1103	normal		NAD	1	1	1	1	1	1	1	1	1	1
	1104	normal		NAD	1	1	1	1	1	1	1	1	1	1
	1105	normal		NAD	1	1	1	1	1	1	1	1	1	1
	1106	normal		NAD	1	1	1	1	1	1	1	1	1	1
	1107	normal		NAD	1	1	1	1	1	1	1	1	1	1
	1108	normal		NAD	1	1	1	1	1	1	1	1	1	1
	1109	normal		NAD	1	1	1	1	1	1	1	1	1	1
	1110	normal		NAD	1	1	1	1	1	1	1	1	1	1

IIA- 2082

15-Apr-2019 15:28

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					33	33	33	34	34	34	34	35	35	35
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]
	1101	normal	NAD					NS	NS	NS	NS	NS	NS	NS
	1102	normal	NAD					NS	NS	NS	NS	NS	NS	NS
	1103	normal	NAD					NS	NS	NS	NS	NS	NS	NS
	1104	normal	NAD					NS	NS	NS	NS	NS	NS	NS
	1105	normal	NAD		1	1	1					NS	NS	NS
	1106	normal	NAD		1	1	1					NS	NS	NS
	1107	normal	NAD		1	1	1					NS	NS	NS
	1108	normal	NAD		1	1	1	1	1	1	1			
	1109	normal	NAD		1	1	1	1	1	1	1			
	1110	normal	NAD		1	1	1	1	1	1	1	1	1	1

NS = No More Scheduled

IIA- 2083

15-Apr-2019 15:30

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day											
					0			1			2			3		
					00:00-02:00	02:00-05:00	05:00-08:00	08:00-11:00	11:00-14:00	14:00-17:00	17:00-20:00	20:00-23:00	23:00-02:00	02:00-05:00	05:00-08:00	08:00-11:00
Test Group 11/F	1111	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1112	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1113	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1114	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1115	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
20 mg/kg bw/d	1116	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1117	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1118	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1119	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1120	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1

IIA- 2084
15-Apr-2019 15:32
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					3	3	3	3	4	4	4	4	5	5
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
Test Group 11/F 20 mg/kg bw/d	1111	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1112	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1113	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1114	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1115	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1116	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1117	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1118	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1119	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1120	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2085

15-Apr-2019 15:32

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					6	6	6	7	7	7	7	8
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
Test Group 11/F	1111	normal	NAD		1	1	1	1	1	1	1	1
	1112	normal	NAD		1	1	1	1	1	1	1	1
	1113	normal	NAD		1	1	1	1	1	1	1	1
	1114	normal	NAD		1	1	1	1	1	1	1	1
	1115	normal	NAD		1	1	1	1	1	1	1	1
20 mg/kg bw/d	1116	normal	NAD		1	1	1	1	1	1	1	1
	1117	normal	NAD		1	1	1	1	1	1	1	1
	1118	normal	NAD		1	1	1	1	1	1	1	1
	1119	normal	NAD		1	1	1	1	1	1	1	1
	1120	normal	NAD		1	1	1	1	1	1	1	1

IIA- 2086
15-Apr-2019 15:32
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					9	9	9	9	10	10	10	10	11	11
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[-03:00-00:00]	[00:00-02:00]
Test Group 11/F	1111	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1112	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1113	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1114	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1115	normal	NAD		1	1	1	1	1	1	1	1	1	1
20 mg/kg bw/d	1116	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1117	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1118	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1119	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1120	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2087

15-Apr-2019 15:32

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					12	12	12	13	13	13	13	13	14	14
					[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[00:00- 02:00]	[00:00- 02:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[00:00- 02:00]
Test Group 11/F	1111	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1112	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1113	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1114	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1115	normal	NAD		1	1	1	1	1	1	1	1	1	1
20 mg/kg bw/d	1116	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1117	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1118	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1119	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1120	normal	NAD		1	1	1	1	1	1	1	1	1	1

Study
90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

[illegible]

IIA- 2089

15-Apr-2019 15:32

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					18	18	18	19	19	19	19	20	20	20
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[00:00-02:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]
Test Group 11/F	1111	normal	NAD		1	1	1	NS	NS	NS	NS	NS	NS	NS
	1112	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1113	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1114	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1115	normal	NAD		1	1	1	1	1	1	1	1	1	1
20 mg/kg bw/d	1116	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1117	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1118	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1119	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1120	normal	NAD		1	1	1	1	1	1	1	1	1	1

NS = No More Scheduled

IIA- 2090
15-Apr-2019 15:32
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					21	21	21	22	22	22	22	23	23	23
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[00:00-02:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]
Test Group 11/F	1111	normal	NAD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1112	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1113	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1114	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1115	normal	NAD		1	1	1	1	1	1	1	1	1	1
20 mg/kg bw/d	1116	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1117	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1118	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1119	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1120	normal	NAD		1	1	1	1	1	1	1	1	1	1

NS = No More Scheduled

IIA- 2091
15-Apr-2019 15:32
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day											
					24	24	24	25	25	25	25	25	26	26	26	26
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]
Test Group 11/F	1111	normal	NAD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1112	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1113	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1114	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1115	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
20 mg/kg bw/d	1116	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1117	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1118	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1119	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1120	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1

NS = No More Scheduled

IIA- 2092
15-Apr-2019 15:32
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day											
					27	27	27	28	28	28	28	29	29	29		
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]
Test Group 11/F 20 mg/kg low/d	1111	normal	NAD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1112	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1113	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1114	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1115	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1116	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1117	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1118	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1119	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1120	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1

NS = No More Scheduled

IIA- 2093

15-Apr-2019 15:32

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					30	30	30	30	31	31	31	31	32	32
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]
	1111	normal	NAD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1112	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1113	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1114	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1115	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1116	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1117	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1118	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1119	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1120	normal	NAD		1	1	1	1	1	1	1	1	1	1

NS = No More Scheduled

IIA- 2094
15-Apr-2019 15:33
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					33	33	33	33	34	34	34	34	35	35
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]
	1111	normal	NAD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1112	normal	NAD					NS	NS	NS	NS	NS	NS	NS
	1113	normal	NAD					NS	NS	NS	NS	NS	NS	NS
	1114	normal	NAD					NS	NS	NS	NS	NS	NS	NS
	1115	normal	NAD		1	1	1					NS	NS	NS
	1116	normal	NAD		1	1	1					NS	NS	NS
	1117	normal	NAD		1	1	1					NS	NS	NS
	1118	normal	NAD		1	1	1	1	1	1	1			
	1119	normal	NAD		1	1	1	1	1	1	1			
	1120	normal	NAD		1	1	1	1	1	1	1			

NS = No More Scheduled

IIA- 2095

15-Apr-2019 15:34

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					0	0	0	0	1	1	1	1	1	2
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]
Test Group 12/F 60 mg/kg bw/d	1121	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1122	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1123	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1124	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1125	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1126	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1127	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1128	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1129	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1130	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2096

15-Apr-2019 15:36

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					3	3	3	3	4	4	4	4	5	5
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]
Test Group 12/F 60 mg/kg bw/d	1121	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1122	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1123	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1124	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1125	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1126	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1127	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1128	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1129	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1130	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2097

15-Apr-2019 15:36

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					6	6	6	7	7	7	7	8
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
Test Group 12/F 60 mg/kg bw/d	1121	normal	NAD		1	1	1	1	1	1	1	1
	1122	normal	NAD		1	1	1	1	1	1	1	1
	1123	normal	NAD		1	1	1	1	1	1	1	1
	1124	normal	NAD		1	1	1	1	1	1	1	1
	1125	normal	NAD		1	1	1	1	1	1	1	1
	1126	normal	NAD		1	1	1	1	1	1	1	1
	1127	normal	NAD		1	1	1	1	1	1	1	1
	1128	normal	NAD		1	1	1	1	1	1	1	1
	1129	normal	NAD		1	1	1	1	1	1	1	1
	1130	normal	NAD		1	1	1	1	1	1	1	1

IIA- 2098

15-Apr-2019 15:36

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					9	9	9	9	10	10	10	10	11	11
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[-03:00-00:00]	[00:00-02:00]
Test Group 12/F 60 mg/kg bw/d	1121	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1122	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1123	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1124	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1125	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1126	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1127	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1128	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1129	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1130	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2099

15-Apr-2019 15:36

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					12	12	12	13	13	13	13	13	14	14
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]
Test Group 12/F 60 mg/kg bw/d	1121	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1122	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1123	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1124	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1125	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1126	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1127	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1128	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1129	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1130	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2100
15-Apr-2019 15:36
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					15	15	15	16	16	16	16	17	17	17
					[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	
Test Group 12/F 60 mg/kg bw/d	1121	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1122	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1123	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1124	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1125	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1126	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1127	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1128	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1129	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1130	normal	NAD		1	1	1	1	1	1	1	1	1	1

Study

90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

[illegible]

IIA- 2102

15-Apr-2019 15:36

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					21	21	21	22	22	22	23	23
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]
Test Group 12/F 60 mg/kg bw/d	1121	normal	NAD		1	1	1	1	1	1	1	1
	1122	normal	NAD		1	1	1	1	1	1	1	1
	1123	normal	NAD		1	1	1	1	1	1	1	1
	1124	normal	NAD		1	1	1	1	1	1	1	1
	1125	normal	NAD		1	1	1	1	1	1	1	1
	1126	normal	NAD		1	1	1	1	1	1	1	1
	1127	normal	NAD		1	1	1	1	1	1	1	1
	1128	normal	NAD		1	1	1	1	1	1	1	1
	1129	normal	NAD		1	1	1	1	1	1	1	1
	1130	normal	NAD		1	1	1	1	1	1	1	1

IIA- 2103

15-Apr-2019 15:36

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					24	24	24	25	25	25	25	26	26	26
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[00:00-02:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]
Test Group 12/F 60 mg/kg bw/d	1121	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1122	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1123	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1124	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1125	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1126	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1127	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1128	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1129	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1130	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2104

15-Apr-2019 15:36

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					27	27	27	28	28	28	29	29
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
	1121	normal	NAD		1	1	1	1	1	1	1	1
	1122	normal	NAD		1	1	1	1	1	1	1	1
	1123	normal	NAD		1	1	1	1	1	1	1	1
	1124	normal	NAD		1	1	1	1	1	1	1	1
	1125	normal	NAD		1	1	1	1	1	1	1	1
	1126	normal	NAD		1	1	1	1	1	1	1	1
	1127	normal	NAD		1	1	1	1	1	1	1	1
	1128	normal	NAD		1	1	1	1	1	1	1	1
	1129	normal	NAD		1	1	1	1	1	1	1	1
	1130	normal	NAD		1	1	1	1	1	1	1	1

Test Group
12/F
60 mg/kg
bw/d

IIA- 2105

15-Apr-2019 15:36

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					30	30	30	31	31	31	31	32	32	32
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]
Test Group 12/F 60 mg/kg bw/d	1121	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1122	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1123	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1124	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1125	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1126	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1127	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1128	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1129	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1130	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2106
15-Apr-2019 15:36
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					33	33	33	34	34	34	34	35	35	35
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[00:00-02:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]
	1121	normal	NAD					NS	NS	NS	NS	NS	NS	NS
	1122	normal	NAD					NS	NS	NS	NS	NS	NS	NS
	1123	normal	NAD		1	1	1					NS	NS	NS
	1124	normal	NAD		1	1	1					NS	NS	NS
	1125	normal	NAD		1	1	1					NS	NS	NS
	1126	normal	NAD		1	1	1	1	1	1	1			
	1127	normal	NAD		1	1	1	1	1	1	1			
	1128	normal	NAD		1	1	1	1	1	1	1			
	1129	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1130	normal	NAD		1	1	1	1	1	1	1	1	1	1

NS = No More Scheduled

IIA- 2107

15-Apr-2019 15:47

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day											
					0	0	0	0	1	1	1	1	1	1	1	1
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[00:00-02:00]	[-03:00-00:00]	[02:00-05:00]	[00:00-02:00]	[02:00-05:00]
Test Group 13/F 180 mg/kg bw/d	1131	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1132	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1133	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1134	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1135	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1136	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1137	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1138	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1139	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1
	1140	normal	NAD		1	1	1	1	1	1	1	1	1	1	1	1

IIA- 2108

15-Apr-2019 15:48

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					3	3	3	3	4	4	4	4	5	5
					[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- [-03:00- 00:00]	[00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- [-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]
Test Group 13/F 180 mg/kg bw/d	1131	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1132	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1133	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1134	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1135	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1136	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1137	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1138	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1139	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1140	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2109

15-Apr-2019 15:48

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day							
					6	6	6	7	7	7	7	8
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]
Test Group 13/F 180 mg/kg bw/d	1131	normal	NAD		1	1	1	1	1	1	1	1
	1132	normal	NAD		1	1	1	1	1	1	1	1
	1133	normal	NAD		1	1	1	1	1	1	1	1
	1134	normal	NAD		1	1	1	1	1	1	1	1
	1135	normal	NAD		1	1	1	1	1	1	1	1
	1136	normal	NAD		1	1	1	1	1	1	1	1
	1137	normal	NAD		1	1	1	1	1	1	1	1
	1138	normal	NAD		1	1	1	1	1	1	1	1
	1139	normal	NAD		1	1	1	1	1	1	1	1
	1140	normal	NAD		1	1	1	1	1	1	1	1

IIA- 2110
15-Apr-2019 15:48
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					9	9	9	10	10	10	10	11	11	11
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[00:00-02:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]
Test Group 13/F 180 mg/kg bw/d	1131	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1132	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1133	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1134	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1135	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1136	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1137	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1138	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1139	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1140	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2111
15-Apr-2019 15:48
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					12	12	12	13	13	13	13	13	14	14
					[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]
Test Group 13/F 180 mg/kg bw/d	1131	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1132	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1133	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1134	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1135	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1136	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1137	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1138	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1139	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1140	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2112

15-Apr-2019 15:49

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					15	15	15	16	16	16	16	17	17	17
					[-03:00- [00:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	
	1131	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1132	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1133	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1134	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1135	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1136	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1137	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1138	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1139	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1140	normal	NAD		1	1	1	1	1	1	1	1	1	1

Test Group
13/F
180 mg/kg
bw/d

IIA- 2113

15-Apr-2019 15:49

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					18	18	18	19	19	19	19	20	20	20
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]
Test Group 13/F 180 mg/kg bw/d	1131	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1132	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1133	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1134	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1135	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1136	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1137	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1138	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1139	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1140	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2114
15-Apr-2019 15:49
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					21	21	21	22	22	22	22	23	23	23
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]
Test Group 13/F 180 mg/kg bw/d	1131	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1132	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1133	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1134	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1135	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1136	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1137	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1138	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1139	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1140	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2115

15-Apr-2019 15:49

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					24	24	24	25	25	25	25	26	26	26
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]
Test Group 13/F 180 mg/kg bw/d	1131	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1132	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1133	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1134	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1135	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1136	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1137	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1138	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1139	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1140	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2116
15-Apr-2019 15:49
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					27	27	27	28	28	28	28	29	29	29
					[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]	[00:00-02:00]	[02:00-05:00]	[-03:00-00:00]
Test Group 13/F 180 mg/kg bw/d	1131	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1132	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1133	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1134	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1135	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1136	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1137	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1138	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1139	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1140	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2117

15-Apr-2019 15:49

Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					30	30	30	31	31	31	31	32	32	32
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]
Test Group 13/F 180 mg/kg bw/d	1131	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1132	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1133	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1134	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1135	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1136	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1137	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1138	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1139	normal	NAD		1	1	1	1	1	1	1	1	1	1
	1140	normal	NAD		1	1	1	1	1	1	1	1	1	1

IIA- 2118
15-Apr-2019 15:49
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Signs Pre- and/or Post-Dosing

Sex: Female - Phase: In-life

Dose Group	Animal Number	Sign Type	Sign	Modifier	Day									
					33	33	33	34	34	34	34	35	35	35
					[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[-03:00- 00:00]	[00:00- 02:00]	[02:00- 05:00]	[02:00- 05:00]
	1131	normal	NAD					NS	NS	NS	NS	NS	NS	NS
	1132	normal	NAD					NS	NS	NS	NS	NS	NS	NS
	1133	normal	NAD					NS	NS	NS	NS	NS	NS	NS
	1134	normal	NAD		1	1	1				NS	NS	NS	NS
	1135	normal	NAD		1	1	1				NS	NS	NS	NS
	1136	normal	NAD		1	1	1				NS	NS	NS	NS
	1137	normal	NAD		1	1	1	1	1	1				
	1138	normal	NAD		1	1	1	1	1	1	1			
	1139	normal	NAD		1	1	1	1	1	1	1			
	1140	normal	NAD		1	1	1	1	1	1	1	1	1	1

NS = No More Scheduled

IIA- 2119
15-Apr-2019 15:54
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Water Consumption Per Animal And Day [g/Day]

Sex: **Male** - Phase: **In-life**

Group	Cage	Animals	d 0 -> 4	d 7 -> 11	d 14 -> 18	d 21 -> 25
Test Group 10/M 0 mg/kg bw/d	CNo-1001	1001, 1002	20.8	26.7	29.3	31.6
	CNo-1002	1003, 1004	22.4	29.8	32.0	34.7
	CNo-1003	1005, 1006	20.1	26.4	27.8	29.7
	CNo-1004	1007, 1008	20.7	24.2	26.8	29.4
	CNo-1005	1009, 1010	19.0	22.7	27.8	31.9

d = day

IIA- 2120
15-Apr-2019 15:55
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Water Consumption Per Animal And Day [g/Day]

Sex: Male - Phase: In-life

Group	Cage	Animals	d 0 -> 4	d 7 -> 11	d 14 -> 18	d 21 -> 25
Test Group 11/M 20 mg/kg bw/d	CNo-1006	1011, 1012	23.0	27.5	30.6	36.1
	CNo-1007	1013, 1014	20.8	26.8	29.6	35.6
	CNo-1008	1015, 1016	22.7	27.5	30.9	33.0
	CNo-1009	1017, 1018	19.1	24.5	26.2	29.4
	CNo-1010	1019, 1020	22.4	26.6	31.9	33.5

d = day

IIA- 2121
15-Apr-2019 15:55
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Water Consumption Per Animal And Day [g/Day]

Sex: Male - Phase: In-life

Group	Cage	Animals	d 0 -> 4	d 7 -> 11	d 14 -> 18	d 21 -> 25
Test Group 12/M 60 mg/kg bw/d	CNo-1011	1021, 1022	20.8	24.6	30.2	29.5
	CNo-1012	1023, 1024	23.6	27.8	29.9	31.7
	CNo-1013	1025, 1026	22.4	27.6	28.5	31.2
	CNo-1014	1027, 1028	20.7	26.6	30.2	31.6
	CNo-1015	1029, 1030	22.9	27.3	29.9	33.0

d = day

IIA- 2122
15-Apr-2019 15:55
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Water Consumption Per Animal And Day [g/Day]

Sex: **Male** - Phase: **In-life**

Group	Cage	Animals	d 0 -> 4	d 7 -> 11	d 14 -> 18	d 21 -> 25
Test Group 13/M 180 mg/kg bw/d	CNo-1016	1031, 1032	22.1	28.6	32.6	37.9
	CNo-1017	1033, 1034	21.4	29.2	32.4	35.1
	CNo-1018	1035, 1036	17.0	22.3	25.8	27.4
	CNo-1019	1037, 1038	21.6	28.1	32.8	35.1
	CNo-1020	1039, 1040	21.2	26.5	33.1	35.0

d = day

IIA- 2123
15-Apr-2019 15:56
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Water Consumption Per Animal And Day [g/Day]

Sex: Female - Phase: In-life

Group	Cage	Animals	d 0 -> 4	d 7 -> 11	d 14 -> 18	d 21 -> 25
Test Group 10/F 0 mg/kg bw/d	CNo-1101	1101, 1102	17.4	54.7SP	21.1	21.8
	CNo-1102	1103, 1104	16.9	17.6	17.1	16.4
	CNo-1103	1105, 1106	18.3	20.2	20.4	22.2
	CNo-1104	1107, 1108	17.7	20.2	20.6	21.6
	CNo-1105	1109, 1110	18.8	21.3	19.1	19.4

d = day; SP = Spill

IIA- 2124
15-Apr-2019 15:56
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Water Consumption Per Animal And Day [g/Day]

Sex: Female - Phase: In-life

Group	Cage	Animals	d 0 -> 4	d 7 -> 11	d 14 -> 18	d 21 -> 25
Test Group 11/F 20 mg/kg bw/d	CNo-1106	1111, 1112	19.4	20.4	18.3	31.0
	CNo-1107	1113, 1114	23.1	26.4	26.9	26.4
	CNo-1108	1115, 1116	17.0	20.1	21.6	22.5
	CNo-1109	1117, 1118	18.5	20.8	21.2	22.7
	CNo-1110	1119, 1120	19.6	22.6	21.5	21.2

d = day

IIA- 2125
15-Apr-2019 15:56
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Water Consumption Per Animal And Day [g/Day]

Sex: Female - Phase: In-life

Group	Cage	Animals	d 0 -> 4	d 7 -> 11	d 14 -> 18	d 21 -> 25
Test Group 12/F 60 mg/kg bw/d	CNo-1111	1121, 1122	18.9	22.4	20.3	22.2
	CNo-1112	1123, 1124	18.1	20.6	18.6	20.6
	CNo-1113	1125, 1126	17.4	20.0	20.4	21.4
	CNo-1114	1127, 1128	14.2	16.7	18.0	17.0
	CNo-1115	1129, 1130	21.0	24.6	26.8	25.3

d = day

IIA- 2126
15-Apr-2019 15:56
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Water Consumption Per Animal And Day [g/Day]

Sex: Female - Phase: In-life

Group	Cage	Animals	d 0 -> 4	d 7 -> 11	d 14 -> 18	d 21 -> 25
Test Group 13/F 180 mg/kg bw/d	CNo-1116	1131, 1132	15.9	17.9	19.1	21.1
	CNo-1117	1133, 1134	18.8	20.4	20.8	22.3
	CNo-1118	1135, 1136	22.5	24.8	25.0	24.6
	CNo-1119	1137, 1138	19.4	24.0	24.5	25.1
	CNo-1120	1139, 1140	20.3	22.6	21.3	23.1

d = day

IIA- 2127
15-Apr-2019 15:59
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Food Consumption Per Animal And Day [g/Day]

Sex: Male - Phase: In-life

Group	Cage	Animals	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28
Test Group 10/M 0 mg/kg bw/d	CNo-1001	1001, 1002	16.5	21.3	24.5	28.0
	CNo-1002	1003, 1004	18.2	24.5	28.5	31.7
	CNo-1003	1005, 1006	16.1	22.4	24.9	28.6
	CNo-1004	1007, 1008	15.6	21.0	24.9	27.5
	CNo-1005	1009, 1010	15.3	18.2	22.3	26.1

d = day

IIA- 2128
15-Apr-2019 15:59
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Food Consumption Per Animal And Day [g/Day]

Sex: **Male** - Phase: **In-life**

Group	Cage	Animals	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28
Test Group 11/M 20 mg/kg bw/d	CNo-1006	1011, 1012	16.6	21.7	25.1	27.4
	CNo-1007	1013, 1014	16.8	22.7	26.7	31.2
	CNo-1008	1015, 1016	17.7	22.4	25.7	28.9
	CNo-1009	1017, 1018	17.0	22.6	26.7	29.9
	CNo-1010	1019, 1020	15.8	21.2	24.9	28.0

d = day

IIA- 2129
15-Apr-2019 15:59
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Food Consumption Per Animal And Day [g/Day]

Sex: Male - Phase: In-life

Group	Cage	Animals	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28
Test Group 12/M 60 mg/kg bw/d	CNo-1011	1021, 1022	17.8	22.6	26.6	29.0
	CNo-1012	1023, 1024	18.3	22.2	26.0	27.8
	CNo-1013	1025, 1026	17.4	23.1	25.7	28.0
	CNo-1014	1027, 1028	16.3	22.0	25.0	28.0
	CNo-1015	1029, 1030	18.4	24.3	28.3	34.6

d = day

IIA- 2130
15-Apr-2019 15:59
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Food Consumption Per Animal And Day [g/Day]

Sex: Male - Phase: In-life

Group	Cage	Animals	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28
Test Group 13/M 180 mg/kg bw/d	CNo-1016	1031, 1032	18.6	25.6	30.0	33.9
	CNo-1017	1033, 1034	16.3	24.3	26.0	29.8
	CNo-1018	1035, 1036	14.7	20.7	25.4	27.3
	CNo-1019	1037, 1038	17.3	24.0	27.8	31.5
	CNo-1020	1039, 1040	16.3	22.0	25.9	32.0

d = day

IIA- 2131
15-Apr-2019 16:01
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Food Consumption Per Animal And Day [g/Day]

Sex: Female - Phase: In-life

Group	Cage	Animals	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28
Test Group 10/F 0 mg/kg bw/d	CNo-1101	1101, 1102	13.7	15.5	15.8	17.1
	CNo-1102	1103, 1104	12.9	14.1	14.2	14.8
	CNo-1103	1105, 1106	13.8	16.1	17.9	20.2
	CNo-1104	1107, 1108	14.6	16.3	17.3	20.4
	CNo-1105	1109, 1110	13.4	15.9	15.6	17.5

d = day

IIA- 2132
15-Apr-2019 16:01
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Food Consumption Per Animal And Day [g/Day]

Sex: Female - Phase: In-life

Group	Cage	Animals	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28
Test Group 11/F 20 mg/kg bw/d	CNo-1106	1111, 1112	14.2	15.3	14.5	19.1
	CNo-1107	1113, 1114	15.5	16.8	16.8	18.1
	CNo-1108	1115, 1116	13.4	15.1	16.0	18.1
	CNo-1109	1117, 1118	13.0	17.1	18.8	19.3
	CNo-1110	1119, 1120	13.7	16.3	17.2	18.1

d = day

IIA- 2133
15-Apr-2019 16:01
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Food Consumption Per Animal And Day [g/Day]

Sex: Female - Phase: In-life

Group	Cage	Animals	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28
Test Group 12/F 60 mg/kg bw/d	CNo-1111	1121, 1122	22.0	18.8	16.8	19.6
	CNo-1112	1123, 1124	14.5	15.8	16.0	19.0
	CNo-1113	1125, 1126	13.9	15.5	16.3	18.4
	CNo-1114	1127, 1128	10.7	12.8	14.2	15.2
	CNo-1115	1129, 1130	16.9	18.5	20.2	21.2

d = day

IIA- 2134
15-Apr-2019 16:01
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Food Consumption Per Animal And Day [g/Day]

Sex: Female - Phase: In-life

Group	Cage	Animals	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28
Test Group 13/F 180 mg/kg bw/d	CNo-1116	1131, 1132	16.9	20.7	18.2	20.2
	CNo-1117	1133, 1134	14.3	16.9	18.0	18.9
	CNo-1118	1135, 1136	14.7	16.1	16.6	17.8
	CNo-1119	1137, 1138	15.2	19.0	18.5	21.2
	CNo-1120	1139, 1140	14.5	16.4	16.3	19.4

d = day

IIA- 2135
15-Apr-2019 16:06
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Body Weights - BW / Body Weights [g]

Sex: Male - Phase: In-life

Dose Group	Animal Number	day 0	day 7	day 14	day 21	day 28	day 35
Test Group 10/M 0 mg/kg bw/d	1001	113.3	173.3	233.6	287.2	330.5	NS
	1002	91.0	139.2	194.8	250.5	310.2	NS
	1003	112.0	172.9	235.8	302.4	367.3	NS
	1004	105.8	173.2	246.8	317.0	369.4	NS
	1005	107.0	167.6	234.2	298.1	349.8	NS
	1006	102.2	151.1	216.8	273.1	331.4	NS
	1007	91.4	140.5	205.7	266.0	318.2	
	1008	98.1	152.7	206.8	265.2	318.1	
	1009	99.9	159.4	205.0	271.8	324.2	
	1010	80.9	123.3	165.9	213.3	268.7	308.3

NS = No More Scheduled

IIA- 2136
15-Apr-2019 16:06
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Body Weights - BW / Body Weights [g]

Sex: Male - Phase: In-life

Dose Group	Animal Number	day 0	day 7	day 14	day 21	day 28	day 35
Test Group 11/M 20 mg/kg bw/d	1011	112.9	171.3	242.3	304.1	354.3	NS
	1012	95.9	146.4	204.8	264.2	313.4	NS
	1013	110.4	168.9	227.3	292.9	354.0	NS
	1014	94.7	148.7	216.6	292.2	353.7	NS
	1015	115.5	178.5	243.7	311.5	377.0	NS
	1016	92.2	141.6	200.9	256.0	309.9	NS
	1017	108.0	169.7	239.5	315.4	387.9	
	1018	90.4	143.5	199.7	252.3	306.7	
	1019	100.8	158.9	221.1	285.8	337.9	
	1020	85.7	137.6	195.6	257.5	304.6	347.0

NS = No More Scheduled

IIA- 2137
15-Apr-2019 16:06
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Body Weights - BW / Body Weights [g]

Sex: Male - Phase: In-life

Dose Group	Animal Number	day 0	day 7	day 14	day 21	day 28	day 35
Test Group 12/M 60 mg/kg bw/d	1021	109.4	168.3	223.7	285.3	351.6	NS
	1022	110.5	165.6	224.1	278.6	316.4	NS
	1023	115.1	176.5	246.3	314.4	358.8	NS
	1024	115.3	175.2	239.9	308.0	368.2	NS
	1025	99.3	155.8	218.3	278.8	328.5	NS
	1026	104.5	165.9	233.9	299.5	352.7	NS
	1027	97.4	151.8	210.4	271.0	323.0	
	1028	101.3	157.2	224.1	288.1	334.8	
	1029	103.4	164.0	226.5	289.1	339.8	
	1030	102.8	162.1	236.3	306.0	366.8	412.9

NS = No More Scheduled

IIA- 2138
15-Apr-2019 16:06
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Body Weights - BW / Body Weights [g]

Sex: Male - Phase: In-life

Dose Group	Animal Number	day 0	day 7	day 14	day 21	day 28	day 35
Test Group 13/M 180 mg/kg bw/d	1031	108.6	167.4	235.0	303.4	364.8	NS
	1032	112.7	179.8	251.8	335.7	388.1	NS
	1033	97.9	159.0	232.7	298.1	356.9	NS
	1034	110.9	161.4	219.2	275.9	333.0	NS
	1035	97.4	146.0	205.9	273.8	332.0	NS
	1036	81.7	128.4	184.6	243.5	291.0	
	1037	93.2	151.6	216.3	283.7	345.6	
	1038	109.1	172.6	238.0	310.1	374.4	
	1039	86.3	141.8	198.1	264.8	322.9	373.0
	1040	89.3	143.6	211.7	275.4	336.8	385.1

NS = No More Scheduled

IIA- 2139
15-Apr-2019 16:08
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Body Weights - BW / Body Weights [g]

Sex: Female - Phase: In-life

Dose Group	Animal Number	day 0	day 7	day 14	day 21	day 28	day 35
Test Group 10/F 0 mg/kg bw/d	1101	91.7	130.6	156.7	175.3	194.1	NS
	1102	92.3	128.8	155.9	178.5	199.6	NS
	1103	92.0	125.1	160.7	174.2	192.3	NS
	1104	94.8	127.0	144.3	161.3	167.6	NS
	1105	95.1	140.4	184.0	211.5	242.1	NS
	1106	87.7	125.3	152.3	172.9	204.9	NS
	1107	101.9	148.4	185.8	211.2	237.4	NS
	1108	86.1	122.3	141.0	161.7	185.3	
	1109	93.2	141.9	175.3	193.3	220.6	
	1110	76.9	115.5	152.2	166.7	193.0	209.5

NS = No More Scheduled

IIA- 2140
15-Apr-2019 16:08
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Body Weights - BW / Body Weights [g]

Sex: Female - Phase: In-life

Dose Group	Animal Number	day 0	day 7	day 14	day 21	day 28	day 35
Test Group 11/F 20 mg/kg bw/d	1111	93.9	137.1	160.9	NS	NS	NS
	1112	90.0	123.7	152.5	176.8	198.2	NS
	1113	100.6	135.3	159.4	178.5	191.7	NS
	1114	108.5	155.5	188.1	209.2	228.3	NS
	1115	83.9	127.6	152.6	182.1	208.8	NS
	1116	94.2	132.6	161.9	188.6	211.6	NS
	1117	98.3	126.6	156.0	171.2	201.9	NS
	1118	93.5	127.9	158.0	182.6	202.6	
	1119	89.6	136.5	176.5	199.9	217.4	
	1120	78.2	110.6	142.2	165.4	182.4	

NS = No More Scheduled

IIA- 2141
15-Apr-2019 16:08
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Body Weights - BW / Body Weights [g]

Sex: Female - Phase: In-life

Dose Group	Animal Number	day 0	day 7	day 14	day 21	day 28	day 35
Test Group 12/F 60 mg/kg bw/d	1121	94.8	144.6	180.7	189.5	222.0	NS
	1122	106.7	153.2	189.2	208.7	228.1	NS
	1123	88.8	127.5	148.3	170.2	196.1	NS
	1124	92.8	136.7	160.2	182.5	193.7	NS
	1125	93.0	131.6	163.2	183.2	200.9	NS
	1126	85.1	124.1	158.3	187.2	204.5	
	1127	66.2	96.9	122.1	140.3	148.6	
	1128	79.3	111.9	142.6	168.5	188.3	
	1129	91.3	127.7	154.8	175.1	201.7	216.3
	1130	89.7	142.0	191.2	214.6	239.7	266.1

NS = No More Scheduled

IIA- 2142
15-Apr-2019 16:08
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Body Weights - BW / Body Weights [g]

Sex: Female - Phase: In-life

Dose Group	Animal Number	day 0	day 7	day 14	day 21	day 28	day 35
Test Group 13/F 180 mg/kg bw/d	1131	105.8	148.0	186.0	211.2	225.3	NS
	1132	85.8	125.2	158.4	180.1	202.7	NS
	1133	93.6	129.6	165.1	191.9	216.2	NS
	1134	90.6	130.9	172.1	200.6	220.0	NS
	1135	93.3	136.1	170.1	191.1	206.0	NS
	1136	101.4	142.1	172.9	194.4	205.9	NS
	1137	96.2	154.3	202.0	226.6	251.5	
	1138	92.2	139.6	178.8	196.5	225.3	
	1139	87.3	134.5	175.6	187.0	221.2	
	1140	82.7	124.2	151.3	175.6	199.5	226.2

NS = No More Scheduled

IIA- 2143
15-Apr-2019 16:17
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Changes Body Weights - BW / Body Weights [g]

Sex: Male - Phase: In-life

Dose Group	Animal Number	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28	d 28 -> 35
Test Group 10/M 0 mg/kg bw/d	1001	60.0	60.3	53.6	43.3	NS
	1002	48.2	55.6	55.7	59.7	NS
	1003	60.9	62.9	66.6	64.9	NS
	1004	67.4	73.6	70.2	52.4	NS
	1005	60.6	66.6	63.9	51.7	NS
	1006	48.9	65.7	56.3	58.3	NS
	1007	49.1	65.2	60.3	52.2	
	1008	54.6	54.1	58.4	52.9	
	1009	59.5	45.6	66.8	52.4	
	1010	42.4	42.6	47.4	55.4	39.6

d = day; NS = No More Scheduled

IIA- 2144
15-Apr-2019 16:18
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Changes Body Weights - BW / Body Weights [g]

Sex: Male - Phase: In-life

Dose Group	Animal Number	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28	d 28 -> 35
Test Group 11/M 20 mg/kg bw/d	1011	58.4	71.0	61.8	50.2	NS
	1012	50.5	58.4	59.4	49.2	NS
	1013	58.5	58.4	65.6	61.1	NS
	1014	54.0	67.9	75.6	61.5	NS
	1015	63.0	65.2	67.8	65.5	NS
	1016	49.4	59.3	55.1	53.9	NS
	1017	61.7	69.8	75.9	72.5	
	1018	53.1	56.2	52.6	54.4	
	1019	58.1	62.2	64.7	52.1	
	1020	51.9	58.0	61.9	47.1	42.4

d = day; NS = No More Scheduled

IIA- 2145
15-Apr-2019 16:18
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Changes Body Weights - BW / Body Weights [g]

Sex: Male - Phase: In-life

Dose Group	Animal Number	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28	d 28 -> 35
Test Group 12/M 60 mg/kg bw/d	1021	58.9	55.4	61.6	66.3	NS
	1022	55.1	58.5	54.5	37.8	NS
	1023	61.4	69.8	68.1	44.4	NS
	1024	59.9	64.7	68.1	60.2	NS
	1025	56.5	62.5	60.5	49.7	NS
	1026	61.4	68.0	65.6	53.2	NS
	1027	54.4	58.6	60.6	52.0	
	1028	55.9	66.9	64.0	46.7	
	1029	60.6	62.5	62.6	50.7	
	1030	59.3	74.2	69.7	60.8	46.1

d = day; NS = No More Scheduled

IIA- 2146
15-Apr-2019 16:18
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Changes Body Weights - BW / Body Weights [g]

Sex: Male - Phase: In-life

Dose Group	Animal Number	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28	d 28 -> 35
Test Group 13/M 180 mg/kg bw/d	1031	58.8	67.6	68.4	61.4	NS
	1032	67.1	72.0	83.9	52.4	NS
	1033	61.1	73.7	65.4	58.8	NS
	1034	50.5	57.8	56.7	57.1	NS
	1035	48.6	59.9	67.9	58.2	NS
	1036	46.7	56.2	58.9	47.5	
	1037	58.4	64.7	67.4	61.9	
	1038	63.5	65.4	72.1	64.3	
	1039	55.5	56.3	66.7	58.1	50.1
	1040	54.3	68.1	63.7	61.4	48.3

d = day; NS = No More Scheduled

IIA- 2147
15-Apr-2019 16:19
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Changes Body Weights - BW / Body Weights [g]

Sex: Female - Phase: In-life

Dose Group	Animal Number	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28	d 28 -> 35
Test Group 10/F 0 mg/kg bw/d	1101	38.9	26.1	18.6	18.8	NS
	1102	36.5	27.1	22.6	21.1	NS
	1103	33.1	35.6	13.5	18.1	NS
	1104	32.2	17.3	17.0	6.3	NS
	1105	45.3	43.6	27.5	30.6	NS
	1106	37.6	27.0	20.6	32.0	NS
	1107	46.5	37.4	25.4	26.2	NS
	1108	36.2	18.7	20.7	23.6	
	1109	48.7	33.4	18.0	27.3	
	1110	38.6	36.7	14.5	26.3	16.5

d = day; NS = No More Scheduled

IIA- 2148
15-Apr-2019 16:19
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Changes Body Weights - BW / Body Weights [g]

Sex: Female - Phase: In-life

Dose Group	Animal Number	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28	d 28 -> 35
Test Group 11/F 20 mg/kg bw/d	1111	43.2	23.8	NS	NS	NS
	1112	33.7	28.8	24.3	21.4	NS
	1113	34.7	24.1	19.1	13.2	NS
	1114	47.0	32.6	21.1	19.1	NS
	1115	43.7	25.0	29.5	26.7	NS
	1116	38.4	29.3	26.7	23.0	NS
	1117	28.3	29.4	15.2	30.7	NS
	1118	34.4	30.1	24.6	20.0	
	1119	46.9	40.0	23.4	17.5	
	1120	32.4	31.6	28.2	17.0	

d = day; NS = No More Scheduled

IIA- 2149
15-Apr-2019 16:19
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Changes Body Weights - BW / Body Weights [g]

Sex: Female - Phase: In-life

Dose Group	Animal Number	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28	d 28 -> 35
Test Group 12/F 60 mg/kg bw/d	1121	49.8	36.1	8.8	32.5	NS
	1122	46.5	36.0	19.5	19.4	NS
	1123	38.7	20.8	21.9	25.9	NS
	1124	43.9	23.5	22.3	11.2	NS
	1125	38.6	31.6	20.0	17.7	NS
	1126	39.0	34.2	28.9	17.3	
	1127	30.7	25.2	18.2	8.3	
	1128	32.6	30.7	25.9	19.8	
	1129	36.4	27.1	20.3	26.6	14.6
	1130	52.3	49.2	23.4	25.1	26.4

d = day; NS = No More Scheduled

IIA- 2150
15-Apr-2019 16:19
Ascentos™ 1.3

Study 90R0066/05R034_3

Individual Changes Body Weights - BW / Body Weights [g]

Sex: Female - Phase: In-life

Dose Group	Animal Number	d 0 -> 7	d 7 -> 14	d 14 -> 21	d 21 -> 28	d 28 -> 35
Test Group 13/F 180 mg/kg bw/d	1131	42.2	38.0	25.2	14.1	NS
	1132	39.4	33.2	21.7	22.6	NS
	1133	36.0	35.5	26.8	24.3	NS
	1134	40.3	41.2	28.5	19.4	NS
	1135	42.8	34.0	21.0	14.9	NS
	1136	41.0	30.8	21.5	11.5	NS
	1137	58.1	47.7	24.6	24.9	
	1138	47.4	39.2	17.7	28.8	
	1139	47.2	41.1	11.4	34.2	
	1140	41.5	27.1	24.3	23.9	26.7

d = day; NS = No More Scheduled

15-APR-19	TABLE : IIA-	2151
05R034D3	PROJ.NO. 90R0066/05R034:MOD.EXTENDED ONE-GENERATION REPRODUCTION TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) - DCO (COHORT 3) INDIVIDUAL MALE CLINICAL OBSERVATIONS	
MALES	TEST GROUP 10 (0 MG/KG BW/D)	
ANIMAL#	OBSERVATIONS	WEEK OF STUDY 0 1 2 3 4
1001	NOTHING ABNORMAL DETECTED	P P P P P
1002	NOTHING ABNORMAL DETECTED	P P P P P
1003	NOTHING ABNORMAL DETECTED	P P P P P
1004	NOTHING ABNORMAL DETECTED	P P P P P
1005	NOTHING ABNORMAL DETECTED	P P P P P
1006	NOTHING ABNORMAL DETECTED	P P P P P
1007	NOTHING ABNORMAL DETECTED	P P P P P
1008	NOTHING ABNORMAL DETECTED	P P P P P
1009	NOTHING ABNORMAL DETECTED	P P P P P
1010	NOTHING ABNORMAL DETECTED	P P P P P
CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT		

15-APR-19
05R034D3
TABLE : IIA-
2152

PROJ. NO. 90R0066/05R034: MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) - DCO (COHORT 3)
INDIVIDUAL MALE CLINICAL OBSERVATIONS
TEST GROUP 11 (20 MG/KG BW/D)

ANIMAL#	OBSERVATIONS	WEEK OF STUDY			
		0	1	2	3 4
1011	NOTHING ABNORMAL DETECTED	P	P	P	P P
1012	NOTHING ABNORMAL DETECTED	P	P	P	P P
1013	NOTHING ABNORMAL DETECTED	P	P	P	P P
1014	NOTHING ABNORMAL DETECTED	P	P	P	P P
1015	NOTHING ABNORMAL DETECTED	P	P	P	P P
1016	NOTHING ABNORMAL DETECTED	P	P	P	P P
1017	NOTHING ABNORMAL DETECTED	P	P	P	P P
1018	NOTHING ABNORMAL DETECTED	P	P	P	P P
1019	NOTHING ABNORMAL DETECTED	P	P	P	P P
1020	NOTHING ABNORMAL DETECTED	P	P	P	P P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

15-APR-19
05R034D3
TABLE : IIA-
2153

PROJ. NO. 90R0066/05R034: MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) - DCO (COHORT 3)
INDIVIDUAL MALE CLINICAL OBSERVATIONS
TEST GROUP 12 (60 MG/KG BW/D)

ANIMAL#	OBSERVATIONS	WEEK OF STUDY			
		0	1	2	3
1021	NOTHING ABNORMAL DETECTED	P	P	P	P
1022	NOTHING ABNORMAL DETECTED	P	P	P	P
1023	NOTHING ABNORMAL DETECTED	P	P	P	P
1024	NOTHING ABNORMAL DETECTED	P	P	P	P
1025	NOTHING ABNORMAL DETECTED	P	P	P	P
1026	NOTHING ABNORMAL DETECTED	P	P	P	P
1027	NOTHING ABNORMAL DETECTED	P	P	P	P
1028	NOTHING ABNORMAL DETECTED	P	P	P	P
1029	NOTHING ABNORMAL DETECTED	P	P	P	P
1030	NOTHING ABNORMAL DETECTED	P	P	P	P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

15-APR-19
05R034D3
TABLE : IIA-
2154

PROJ. NO. 90R0066/05R034: MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) - DCO (COHORT 3)

MALES TEST GROUP 13 (180 MG/KG BW/D)

INDIVIDUAL MALE CLINICAL OBSERVATIONS

ANIMAL#	OBSERVATIONS	WEEK OF STUDY			
		0	1	2	3
1031	NOTHING ABNORMAL DETECTED	P	P	P	P
1032	NOTHING ABNORMAL DETECTED	P	P	P	P
1033	NOTHING ABNORMAL DETECTED	P	P	P	P
1034	NOTHING ABNORMAL DETECTED	P	P	P	P
1035	NOTHING ABNORMAL DETECTED	P	P	P	P
1036	NOTHING ABNORMAL DETECTED	P	P	P	P
1037	NOTHING ABNORMAL DETECTED	P	P	P	P
1038	NOTHING ABNORMAL DETECTED	P	P	P	P
1039	NOTHING ABNORMAL DETECTED	P	P	P	P
1040	NOTHING ABNORMAL DETECTED	P	P	P	P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

15-APR-19
05R034D3
TABLE : IIA-
2155

PROJ.NO. 90R0066/05R034:MOD.EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) - DCO (COHORT 3)
FEMALES TEST GROUP 10 (0 MG/KG BW/D)
INDIVIDUAL FEMALE CLINICAL OBSERVATIONS

ANIMAL#	OBSERVATIONS	WEEK OF STUDY			
		0	1	2	3
1101	NOTHING ABNORMAL DETECTED	P	P	P	P
1102	NOTHING ABNORMAL DETECTED	P	P	P	P
1103	NOTHING ABNORMAL DETECTED	P	P	P	P
1104	NOTHING ABNORMAL DETECTED	P	P	P	P
1105	NOTHING ABNORMAL DETECTED	P	P	P	P
1106	NOTHING ABNORMAL DETECTED	P	P	P	P
1107	NOTHING ABNORMAL DETECTED	P	P	P	P
1108	NOTHING ABNORMAL DETECTED	P	P	P	P
1109	NOTHING ABNORMAL DETECTED	P	P	P	P
1110	NOTHING ABNORMAL DETECTED	P	P	P	P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

15-APR-19
05R034D3
TABLE : IIA-
2156

PROJ. NO. 90R0066/05R034: MOD. EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) - DCO (COHORT 3)
FEMALES TEST GROUP 11 (20 MG/KG BW/D)
INDIVIDUAL FEMALE CLINICAL OBSERVATIONS

ANIMAL#	OBSERVATIONS	WEEK OF STUDY			
		0	1	2	3
1111	NOTHING ABNORMAL DETECTED FOUND DEAD		P	P	P
1112	NOTHING ABNORMAL DETECTED		P	P	P
1113	NOTHING ABNORMAL DETECTED		P	P	P
1114	NOTHING ABNORMAL DETECTED		P	P	P
1115	NOTHING ABNORMAL DETECTED		P	P	P
1116	NOTHING ABNORMAL DETECTED		P	P	P
1117	NOTHING ABNORMAL DETECTED		P	P	P
1118	NOTHING ABNORMAL DETECTED		P	P	P
1119	NOTHING ABNORMAL DETECTED		P	P	P
1120	NOTHING ABNORMAL DETECTED		P	P	P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

15-APR-19	TABLE : IIA-	2157
05R034D3	PROJ.NO. 90R0066/05R034:MOD.EXTENDED ONE-GENERATION REPRODUCTION TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) - DCO (COHORT 3) INDIVIDUAL FEMALE CLINICAL OBSERVATIONS	
FEMALES	TEST GROUP 12 (60 MG/KG BW/D)	
ANIMAL#	OBSERVATIONS	WEEK OF STUDY 0 1 2 3 4
1121	NOTHING ABNORMAL DETECTED	P P P P P
1122	NOTHING ABNORMAL DETECTED	P P P P P
1123	NOTHING ABNORMAL DETECTED	P P P P P
1124	NOTHING ABNORMAL DETECTED	P P P P P
1125	NOTHING ABNORMAL DETECTED	P P P P P
1126	NOTHING ABNORMAL DETECTED	P P P P P
1127	NOTHING ABNORMAL DETECTED	P P P P P
1128	NOTHING ABNORMAL DETECTED	P P P P P
1129	NOTHING ABNORMAL DETECTED	P P P P P
1130	NOTHING ABNORMAL DETECTED	P P P P P
CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT		

15-APR-19
05R034D3
TABLE : IIA- 2158

PROJ.NO. 90R0066/05R034:MOD.EXTENDED ONE-GENERATION REPRODUCTION
TOX. STUDY IN SPRAGUE DAWLEY RATS (GAVAGE) - DCO (COHORT 3)
INDIVIDUAL FEMALE CLINICAL OBSERVATIONS
FEMALES TEST GROUP 13 (180 MG/KG BW/D)

ANIMAL#	OBSERVATIONS	WEEK OF STUDY			
		0	1	2	3
1131	NOTHING ABNORMAL DETECTED	P	P	P	P
1132	NOTHING ABNORMAL DETECTED	P	P	P	P
1133	NOTHING ABNORMAL DETECTED	P	P	P	P
1134	NOTHING ABNORMAL DETECTED	P	P	P	P
1135	NOTHING ABNORMAL DETECTED	P	P	P	P
1136	NOTHING ABNORMAL DETECTED	P	P	P	P
1137	NOTHING ABNORMAL DETECTED	P	P	P	P
1138	NOTHING ABNORMAL DETECTED	P	P	P	P
1139	NOTHING ABNORMAL DETECTED	P	P	P	P
1140	NOTHING ABNORMAL DETECTED	P	P	P	P

CODE: 1-SLIGHT 2-MODERATE 3-MARKED P-PRESENT

IIB 1
16-Oct-2018 09:09
Ascentos™ 1.3

Study 90R0066/05R034_K

Individual KCH_blood

Sex: Male - Phase: In-life

Dose Group	Animal Number	RBC [tera/L] week 15	HGB [mmol/L] week 15	HCT [L/L] week 15	MCV [fL] week 15	MCH [fmol] week 15	MCHC [mmol/L] week 15	RETA [giga/L] week 15	PLT [giga/L] week 15	HQT [sec] week 15
G 00 / M 0 mg/kg bw/d	0002	9.34	9.6	0.455	48.8	1.03	21.11	137.3	737	38.5
	0003	8.08	9.0	0.413	51.2	1.11	21.71	128.5	799	43.0
	0004	8.36	8.9	0.414	49.6	1.07	21.52	162.2	692	34.2
	0008	8.02	8.8	0.409	51.0	1.10	21.56	201.3	1,093	38.1
	0009	8.80	9.1	0.426	48.4	1.04	21.41	117.0	892	34.4
	0010	8.15	8.8	0.411	50.4	1.08	21.42	161.4	653	35.1
	0011	7.56	8.5	0.391	51.7	1.13	21.79	123.2	773	34.9
	0014	8.27	8.9	0.424	51.2	1.08	21.06	145.6	693	33.0
	0019	9.46	9.2	0.426	45.1	0.97	21.47	94.6	774	36.9
	0024	8.32	9.0	0.417	50.1	1.08	21.57	166.4	763	37.8

IIB 2
16-Oct-2018 09:09
Ascentos™ 1.3

Study 90R0066/05R034_K

Individual KCH_blood

Sex: Male - Phase: In-life

Dose Group	Animal Number	RBC [tera/L] week 15	HGB [mmol/L] week 15	HCT [L/L] week 15	MCV [fL] week 15	MCH [fmol] week 15	MCHC [mmol/L] week 15	RETA [giga/L] week 15	PLT [giga/L] week 15	HQT [sec] week 15
G 01 / M 20 mg/kg bw/d	0025	8.55	9.2	0.425	49.7	1.07	21.59	186.4	814	33.2
	0028	8.49	8.4	0.396	46.7	0.98	21.11	195.3	981	34.0
	0031	8.58	9.3	0.425	49.5	1.08	21.79	100.4	691	39.8
	0033	8.49	9.1	0.416	49.0	1.08	21.97	141.8	806	37.9
	0034	8.56	8.8	0.408	47.6	1.02	21.51	187.5	886	32.4
	0035	8.40	8.7	0.407	48.4	1.03	21.36	142.8	906	39.6
	0039	7.79	8.5	0.395	50.7	1.09	21.51	155.0	1083	33.3
	0042	8.73	9.0	0.415	47.5	1.03	21.71	153.6	800	31.9
	0043	8.78	9.4	0.438	49.9	1.08	21.58	129.9	951	40.3
	0046	8.40	9.2	0.424	50.4	1.09	21.60	126.8	815	35.5

IIB 3
16-Oct-2018 09:09
Ascentos™ 1.3

Study 90R0066/05R034_K

Individual KCH_blood

Sex: Male - Phase: In-life

Dose Group	Animal Number	RBC [tera/L] week 15	HGB [mmol/L] week 15	HCT [L/L] week 15	MCV [fL] week 15	MCH [fmol] week 15	MCHC [mmol/L] week 15	RETA [giga/L] week 15	PLT [giga/L] week 15	HQT [sec] week 15
G 02 / M 60 mg/kg bw/d	0049	8.60	9.5	0.441	51.3	1.11	21.60	147.1	1,103	37.5
	0051	8.70	9.9	0.446	51.2	1.13	22.13	109.6	815	36.3
	0053	7.51	8.3	0.381	50.7	1.11	21.83	162.2	715	38.4
	0054	8.28	9.4	0.423	51.1	1.14	22.33	151.5	793	38.9
	0055	7.82	8.8	0.395	50.6	1.13	22.25	161.1	669	38.0
	0056	8.88	9.0	0.430	48.4	1.01	20.96	145.6	1,224	34.4
	0058	8.42	9.3	0.431	51.2	1.11	21.65	98.5	832	36.4
	0064	8.39	8.8	0.406	48.4	1.05	21.62	136.8	1,047	32.3
	0066	8.68	9.2	0.426	49.1	1.06	21.69	170.1	758	36.2
	0072	8.47	8.9	0.423	50.0	1.05	21.05	153.3	956	32.0

IIB 4
16-Oct-2018 09:09
Ascentos™ 1.3

Study 90R0066/05R034_K

Individual KCH_blood

Sex: Male - Phase: In-life

Dose Group	Animal Number	RBC [tera/L] week 15	HGB [mmol/L] week 15	HCT [L/L] week 15	MCV [fL] week 15	MCH [fmol] week 15	MCHC [mmol/L] week 15	RETA [giga/L] week 15	PLT [giga/L] week 15	HQT [sec] week 15
G 03 / M 180 mg/kg bw/d	0073	8.19	9.3	0.419	51.1	1.14	22.21	139.2	602	32.7
	0074	8.24	9.3	0.425	51.6	1.13	21.85	133.5	630	39.1
	0075	8.86	9.2	0.432	48.7	1.03	21.22	85.9	869	40.3
	0076	8.17	8.8	0.411	50.3	1.08	21.38	158.5	761	40.2
	0077	8.32	9.7	0.437	52.5	1.16	22.15	132.3	833	43.2
	0078	8.02	8.8	0.410	51.1	1.10	21.58	133.1	769	36.1
	0079	8.38	9.2	0.426	50.8	1.09	21.55	145.0	979	38.2
	0085	8.25	9.2	0.416	50.5	1.11	22.05	137.0	812	35.9
	0092	8.05	9.0	0.414	51.5	1.12	21.73	220.6	863	34.3
	0096	6.54	7.3	0.341	52.1	1.12	21.53	320.5	540	42.1

IIB 5
16-Oct-2018 14:40
Ascentos™ 1.3

Study 90R0066/05R034_K

Red blood cell + coagulation parameters

Sex: Female - Phase: In-life

Dose Group	Animal Number	RBC [tera/L] day 122	HGB [mmol/L] day 122	HCT [L/L] day 122	MCV [fL] day 122	MCH [fmol] day 122	MCHC [mmol/L] day 122	RETA [giga/L] day 122	PLT [giga/L] day 122	HQT [sec] day 122
G 00 / F 0 mg/kg bw/d	0102	8.54	10.3	0.468	54.8	1.20	21.93	22.2	611	38.3
	0103	7.82	9.5	0.437	55.9	1.21	21.71	14.1	531	34.7
	0104	8.60	9.9	0.444	51.6	1.15	22.27	43.9	651	38.7
	0108	8.20	10.2	0.468	57.0	1.25	21.90	26.2	713	37.8
	0109	8.18	9.8	0.450	55.1	1.20	21.88	9.0	724	35.9
	0110	8.19	9.8	0.447	54.6	1.19	21.83	31.1	675	34.3
	0111	7.94	9.1	0.419	52.8	1.14	21.65	21.4	810	38.7
	0114	7.85	9.1	0.422	53.8	1.15	21.44	18.1	767	34.4
	0119	8.66	9.9	0.461	53.3	1.15	21.49	4.3	606	37.8
	0124	8.23	9.6	0.437	53.1	1.17	22.00	12.3	693	38.4

IIB 6
16-Oct-2018 14:40
Ascentos™ 1.3

Study 90R0066/05R034_K

Red blood cell + coagulation parameters

Sex: Female - Phase: In-life

Dose Group	Animal Number	RBC [tera/L] day 122	HGB [mmol/L] day 122	HCT [L/L] day 122	MCV [fL] day 122	MCH [fmol] day 122	MCHC [mmol/L] day 122	RETA [giga/L] day 122	PLT [giga/L] day 122	HQT [sec] day 122
G 01 / F 20 mg/kg bw/d	0125	8.92	9.7	0.452	50.7	1.09	21.45	27.7	984	34.6
	0128	7.82	9.6	0.430	55.0	1.23	22.34	28.9	812	34.0
	0131	7.85	9.4	0.427	54.4	1.19	21.93	18.1	855	33.1
	0133	8.12	9.8	0.442	54.4	1.20	22.10	55.2	713	34.5
	0134	8.33	9.7	0.447	53.6	1.16	21.71	15.0	720	35.4
	0135	8.70	10.0	0.478	54.9	1.15	20.96	54.8	1,023	37.3
	0139	7.84	9.2	0.428	54.6	1.18	21.59	15.7	840	36.5
	0142	8.18	9.9	0.449	54.9	1.21	22.09	13.9	599	34.9
	0143	7.98	9.3	0.424	53.5	1.17	21.88	23.8	687	37.1
	0146	8.47	10.1	0.466	55.0	1.19	21.65	8.5	872	38.9

IIB 7
16-Oct-2018 14:40
Ascentos™ 1.3

Study 90R0066/05R034_K

Red blood cell + coagulation parameters

Sex: Female - Phase: In-life

Dose Group	Animal Number	RBC [tera/L] day 122	HGB [mmol/L] day 122	HCT [L/L] day 122	MCV [fL] day 122	MCH [fmol] day 122	MCHC [mmol/L] day 122	RETA [giga/L] day 122	PLT [giga/L] day 122	HQT [sec] day 122
G 02 / F 60 mg/kg bw/d	0149	8.43	9.7	0.445	52.8	1.16	21.90	21.9	677	35.8
	0151	8.58	9.8	0.449	52.3	1.14	21.76	33.5	1,047	34.7
	0153	8.51	9.8	0.451	53.0	1.16	21.82	20.4	702	35.8
	0154	8.40	9.7	0.441	52.5	1.15	21.97	38.6	834	37.5
	0155	8.27	9.9	0.449	54.3	1.19	21.97	24.8	576	35.3
	0156	8.76	10.0	0.461	52.6	1.15	21.78	15.8	611	34.8
	0158	8.45	9.7	0.450	53.3	1.14	21.46	10.1	730	33.5
	0164	8.25	10.2	0.462	56.0	1.23	21.99	15.7	804	33.7
	0166	8.44	9.9	0.453	53.7	1.18	21.87	21.9	626	36.0
	0172	7.84	9.5	0.434	55.3	1.21	21.86	19.6	302	33.8

IIB 8
16-Oct-2018 14:40
Ascentos™ 1.3

Study 90R0066/05R034_K

Red blood cell + coagulation parameters

Sex: Female - Phase: In-life

Dose Group	Animal Number	RBC [tera/L] day 122	HGB [mmol/L] day 122	HCT [L/L] day 122	MCV [fL] day 122	MCH [fmol] day 122	MCHC [mmol/L] day 122	RETA [giga/L] day 122	PLT [giga/L] day 122	HQT [sec] day 122
G 03 / F 180mg/kg bw/d	0173	8.13	9.8	0.449	55.3	1.20	21.74	9.8	746	32.7
	0174	7.75	9.4	0.432	55.7	1.22	21.86	4.6	740	36.9
	0175	8.13	9.9	0.454	55.9	1.22	21.78	24.4	758	35.9
	0176	7.97	9.3	0.432	54.2	1.17	21.53	44.6	612	36.0
	0177	8.50	9.9	0.466	54.8	1.17	21.30	24.6	1,029	39.8
	0178	8.34	9.9	0.462	55.4	1.19	21.47	38.4	657	38.4
	0179	8.39	9.6	0.447	53.2	1.14	21.45	21.8	794	35.4
	0185	8.15	9.9	0.456	56.0	1.22	21.76	22.8	778	36.8
	0192	7.98	9.9	0.448	56.1	1.24	22.02	17.6	834	34.9
	0196	8.08	9.5	0.431	53.4	1.18	22.06	16.2	846	35.3

IIB 9
16-Oct-2018 14:43
Ascentos™ 1.3

Study 90R0066/05R034_K
Total white and differential blood cell count
Sex: Male - Phase: In-life

Dose Group	Animal Number	WBC [giga/L] week 15	NEUT [giga/L] week 15	LYMPH [giga/L] week 15	MONOA [giga/L] week 15	EOSA [giga/L] week 15	BASOA [giga/L] week 15	LUCA [giga/L] week 15	NEUT [%] week 15	LYMPH [%] week 15	MONO [%] week 15	EOS [%] week 15	BASO [%] week 15	LUC [%] week 15
G 00 / M 0 mg/kg bw/d	0002	9.75	1.08	8.28	0.19	0.13	0.03	0.04	11.0	84.9	2.0	1.4	0.3	0.4
	0003	7.82	1.09	6.47	0.11	0.08	0.03	0.03	14.0	82.7	1.4	1.0	0.4	0.4
	0004	9.60	1.27	7.94	0.19	0.13	0.04	0.04	13.2	82.7	2.0	1.3	0.4	0.4
	0008	9.69	1.12	8.25	0.15	0.09	0.04	0.04	11.6	85.1	1.5	0.9	0.4	0.4
	0009	8.08	0.79	6.91	0.18	0.12	0.03	0.05	9.7	85.5	2.2	1.5	0.4	0.6
	0010	7.48	1.36	5.57	0.38	0.11	0.02	0.04	18.2	74.5	5.0	1.5	0.3	0.5
	0011	8.98	0.73	7.54	0.40	0.21	0.03	0.06	8.2	84.0	4.5	2.4	0.4	0.6
	0014	6.62	0.62	5.69	0.12	0.12	0.02	0.05	9.3	85.9	1.8	1.8	0.3	0.8
	0019	8.29	1.04	6.91	0.16	0.12	0.03	0.03	12.5	83.4	1.9	1.4	0.4	0.3
	0024	10.22	1.04	8.75	0.20	0.13	0.03	0.07	10.1	85.6	2.0	1.3	0.3	0.7

IIB 10
16-Oct-2018 14:43
Ascentos™ 1.3

Study 90R0066/05R034_K
Total white and differential blood cell count
Sex: Male - Phase: In-life

Dose Group	Animal Number	WBC [giga/L] week 15	NEUT [giga/L] week 15	LYMPHA [giga/L] week 15	MONOA [giga/L] week 15	EOSA [giga/L] week 15	BASOA [giga/L] week 15	LUCA [giga/L] week 15	NEUT [%] week 15	LYMPH [%] week 15	MONO [%] week 15	EOS [%] week 15	BASO [%] week 15	LUC [%] week 15
G 01 / M 20 mg/kg bw/d	0025	6.38	1.18	4.87	0.16	0.13	0.02	0.02	18.5	76.3	2.5	2.0	0.4	0.3
	0028	9.37	1.35	7.66	0.16	0.13	0.03	0.04	14.4	81.7	1.7	1.4	0.3	0.4
	0031	6.33	0.65	5.45	0.14	0.07	0.01	0.02	10.2	86.1	2.2	1.0	0.2	0.2
	0033	7.74	1.03	6.35	0.14	0.17	0.02	0.03	13.3	82.0	1.9	2.2	0.2	0.4
	0034	8.23	1.43	6.37	0.20	0.16	0.01	0.05	17.4	77.5	2.4	2.0	0.2	0.6
	0035	7.00	0.99	5.72	0.21	0.05	0.02	0.02	14.1	81.7	3.0	0.7	0.2	0.2
	0039	7.83	0.68	6.87	0.12	0.12	0.02	0.03	8.7	87.7	1.5	1.5	0.2	0.3
	0042	8.78	1.26	7.17	0.21	0.10	0.02	0.02	14.4	81.7	2.4	1.1	0.2	0.3
	0043	8.15	0.99	6.71	0.28	0.07	0.03	0.06	12.2	82.4	3.5	0.9	0.3	0.8
	0046	10.61	1.21	8.93	0.25	0.12	0.05	0.07	11.4	84.1	2.4	1.1	0.4	0.6

IIB 11
16-Oct-2018 14:43
Ascentos™ 1.3

Study 90R0066/05R034_K
Total white and differential blood cell count
Sex: Male - Phase: In-life

Dose Group	Animal Number	WBC [giga/L] week 15	NEUT [giga/L] week 15	LYMPH [giga/L] week 15	MONOA [giga/L] week 15	EOSA [giga/L] week 15	BASOA [giga/L] week 15	LUCA [giga/L] week 15	NEUT [%] week 15	LYMPH [%] week 15	MONO [%] week 15	EOS [%] week 15	BASO [%] week 15	LUC [%] week 15
G 02 / M 60 mg/kg bw/d	0049	6.93	0.85	5.73	0.16	0.12	0.02	0.05	12.2	82.6	2.4	1.8	0.3	0.8
	0051	7.69	1.10	6.18	0.14	0.20	0.04	0.03	14.4	80.4	1.8	2.5	0.5	0.4
	0053	5.96	0.62	5.11	0.13	0.05	0.02	0.02	10.4	85.8	2.2	0.9	0.3	0.4
	0054	9.12	1.42	7.31	0.20	0.11	0.05	0.03	15.5	80.2	2.1	1.2	0.5	0.4
	0055	8.21	1.15	6.69	0.17	0.15	0.03	0.02	14.0	81.5	2.1	1.9	0.3	0.3
	0056	11.98	1.54	9.82	0.28	0.25	0.04	0.06	12.8	81.9	2.3	2.0	0.4	0.5
	0058	6.92	1.02	5.55	0.19	0.10	0.04	0.02	14.8	80.2	2.7	1.4	0.6	0.3
	0064	7.69	1.03	6.29	0.19	0.08	0.03	0.07	13.4	81.8	2.5	1.1	0.4	0.8
	0066	9.29	1.65	7.05	0.23	0.29	0.05	0.03	17.7	75.9	2.5	3.1	0.5	0.3
	0072	10.75	1.45	8.58	0.32	0.27	0.04	0.09	13.5	79.8	3.0	2.5	0.4	0.8

IIB 12
16-Oct-2018 14:43
Ascentos™ 1.3

Study 90R0066/05R034_K
Total white and differential blood cell count
Sex: Male - Phase: In-life

Dose Group	Animal Number	WBC [giga/L] week 15	NEUT [giga/L] week 15	LYMPHA [giga/L] week 15	MONOA [giga/L] week 15	EOSA [giga/L] week 15	BASOA [giga/L] week 15	LUCA [giga/L] week 15	NEUT [%] week 15	LYMPH [%] week 15	MONO [%] week 15	EOS [%] week 15	BASO [%] week 15	LUC [%] week 15
G 03 / M 180 mg/kg bw/d	0073	9.31	1.47	7.34	0.26	0.15	0.04	0.04	15.8	78.8	2.8	1.7	0.5	0.5
	0074	7.69	1.19	6.05	0.20	0.21	0.02	0.03	15.5	78.6	2.6	2.7	0.3	0.4
	0075	7.18	0.84	6.07	0.13	0.10	0.01	0.02	11.7	84.6	1.8	1.3	0.2	0.3
	0076	8.14	0.73	7.15	0.09	0.08	0.04	0.04	9.0	87.8	1.1	1.0	0.5	0.5
	0077	7.63	0.99	6.27	0.12	0.15	0.04	0.04	13.0	82.3	1.6	2.0	0.6	0.5
	0078	9.44	1.32	7.70	0.25	0.10	0.03	0.04	14.0	81.5	2.6	1.1	0.3	0.4
	0079	6.64	0.94	5.42	0.11	0.11	0.02	0.03	14.2	81.6	1.7	1.7	0.3	0.5
	0085	6.90	0.98	5.49	0.19	0.21	0.01	0.01	14.2	79.6	2.8	3.0	0.1	0.1
	0092	10.28	1.36	8.41	0.26	0.16	0.05	0.04	13.2	81.8	2.6	1.5	0.5	0.4
	0096	9.98	2.33	7.02	0.43	0.13	0.03	0.05	23.3	70.3	4.3	1.3	0.3	0.5

IIB 13
17-Oct-2018 06:51
Ascentos™ 1.3

Study 90R0066/05R034_K
Total white and differential blood cell count
Sex: Female - Phase: In-life

Dose Group	Animal Number	WBC [giga/L] day 122	NEUT [giga/L] day 122	LYMPH [giga/L] day 122	MONOA [giga/L] day 122	EOSA [giga/L] day 122	BASOA [giga/L] day 122	LUCA [giga/L] day 122	NEUT [giga/L] day 122	LYMPH [giga/L] day 122	MONO [giga/L] day 122	EOS [giga/L] day 122	BASO [giga/L] day 122	LUC [giga/L] day 122
G 00 / F 0 mg/kg bw/d	0102	4.11	0.73	3.01	0.18	0.15	0.04	0.02	17.7	73.1	4.3	3.6	0.9	0.4
	0103	8.39	1.26	6.65	0.20	0.19	0.06	0.03	15.0	79.2	2.3	2.3	0.7	0.4
	0104	6.03	1.17	4.40	0.15	0.26	0.02	0.03	19.4	73.1	2.5	4.3	0.3	0.4
	0108	6.18	0.41	5.38	0.13	0.17	0.07	0.03	6.6	87.0	2.1	2.8	1.1	0.4
	0109	7.83	1.05	6.10	0.27	0.33	0.05	0.02	13.4	77.9	3.5	4.3	0.7	0.3
	0110	8.67	1.17	6.98	0.21	0.22	0.05	0.03	13.5	80.5	2.5	2.5	0.6	0.4
	0111	5.69	0.44	4.89	0.16	0.14	0.04	0.03	7.7	85.9	2.8	2.5	0.7	0.6
	0114	7.46	1.03	5.86	0.17	0.33	0.05	0.02	13.9	78.5	2.3	4.4	0.6	0.3
	0119	5.03	0.56	4.11	0.18	0.13	0.03	0.02	11.2	81.8	3.5	2.5	0.6	0.3
	0124	6.67	0.63	5.60	0.22	0.16	0.04	0.01	9.4	84.0	3.3	2.5	0.6	0.2

IIB 14
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Ascentos™ 1.3

Study 90R0066/05R034_K

Total white and differential blood cell count

Sex: Female - Phase: In-life

Dose Group	Animal Number	WBC [giga/L] day 122	NEUTA [giga/L] day 122	LYMPHA [giga/L] day 122	MONOA [giga/L] day 122	EOSA [giga/L] day 122	BASOA [giga/L] day 122	LUCA [giga/L] day 122	NEUT [%] day 122	LYMPH [%] day 122	MONO [%] day 122	EOS [%] day 122	BASO [%] day 122	LUC [%] day 122
G 01 / F 20 mg/kg bw/d	0125	8.59	0.83	7.23	0.23	0.23	0.02	0.06	9.7	84.1	2.6	2.7	0.2	0.6
	0128	5.41	0.65	4.47	0.10	0.12	0.04	0.02	12.1	82.7	1.9	2.2	0.8	0.3
	0131	7.09	1.30	5.25	0.27	0.21	0.05	0.01	18.4	74.0	3.8	3.0	0.7	0.2
	0133	4.86	0.74	3.66	0.14	0.26	0.04	0.01	15.3	75.4	2.8	5.3	0.9	0.3
	0134	3.47	0.40	2.84	0.09	0.10	0.02	0.01	11.5	81.9	2.7	2.9	0.7	0.3
	0135	9.23	0.54	8.24	0.14	0.21	0.05	0.05	5.9	89.2	1.5	2.3	0.6	0.6
	0139	5.18	0.39	4.46	0.14	0.12	0.03	0.03	7.6	86.1	2.8	2.4	0.6	0.5
	0142	7.69	1.09	6.03	0.17	0.29	0.05	0.05	14.2	78.4	2.3	3.8	0.7	0.6
	0143	8.08	0.92	6.66	0.21	0.19	0.05	0.05	11.4	82.4	2.6	2.4	0.6	0.6
	0146	8.77	0.88	7.29	0.14	0.35	0.07	0.03	10.1	83.2	1.6	4.0	0.8	0.4

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Ascentos™ 1.3

Study 90R0066/05R034_K

Total white and differential blood cell count

Sex: Female - Phase: In-life

Dose Group	Animal Number	WBC [giga/L] day 122	NEUT [giga/L] day 122	LYMPH [giga/L] day 122	MONOA [giga/L] day 122	EOSA [giga/L] day 122	BASOA [giga/L] day 122	LUCA [giga/L] day 122	NEUT [%] day 122	LYMPH [%] day 122	MONO [%] day 122	EOS [%] day 122	BASO [%] day 122	LUC [%] day 122
G 02 / F 60 mg/kg bw/d	0149	3.76	0.57	3.01	0.04	0.12	0.02	0.01	15.1	79.9	1.0	3.2	0.6	0.2
	0151	8.61	0.81	7.43	0.17	0.12	0.04	0.04	9.4	86.3	1.9	1.4	0.4	0.5
	0153	4.21	0.35	3.53	0.15	0.13	0.03	0.02	8.3	83.8	3.5	3.2	0.7	0.6
	0154	6.66	0.47	5.68	0.13	0.23	0.03	0.02	7.2	86.6	2.0	3.5	0.4	0.3
	0155	8.47	0.86	6.94	0.20	0.39	0.05	0.03	10.1	81.9	2.4	4.6	0.6	0.4
	0156	8.57	0.69	7.40	0.20	0.20	0.04	0.03	8.0	86.4	2.3	2.4	0.5	0.4
	0158	7.92	0.69	6.83	0.14	0.19	0.04	0.03	8.7	86.3	1.8	2.4	0.5	0.3
	0164	4.52	0.41	3.75	0.14	0.16	0.04	0.02	9.0	83.0	3.2	3.6	0.8	0.3
	0166	5.23	0.99	3.80	0.21	0.19	0.02	0.02	18.9	72.6	4.0	3.6	0.4	0.4
	0172	3.59	0.46	2.75	0.20	0.12	0.04	0.03	12.8	76.6	5.5	3.2	1.1	0.9

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Ascentos™ 1.3

Study 90R0066/05R034_K

Total white and differential blood cell count

Sex: Female - Phase: In-life

Dose Group	Animal Number	WBC [giga/L] day 122	NEUT [giga/L] day 122	LYMPH [giga/L] day 122	MONOA [giga/L] day 122	EOSA [giga/L] day 122	BASOA [giga/L] day 122	LUCA [giga/L] day 122	NEUT [%] day 122	LYMPH [%] day 122	MONO [%] day 122	EOS [%] day 122	BASO [%] day 122	LUC [%] day 122
G 03 / F 180mg/kg bw/d	0173	4.56	0.48	3.70	0.13	0.22	0.02	0.01	10.5	81.2	2.9	4.7	0.4	0.3
	0174	3.56	0.63	2.69	0.15	0.16	0.02	0.01	14.7	75.6	4.1	4.6	0.6	0.3
	0175	10.84	1.55	8.69	0.22	0.27	0.04	0.07	14.3	80.2	2.0	2.5	0.4	0.6
	0176	8.21	1.13	6.61	0.21	0.20	0.04	0.03	13.7	80.5	2.5	2.5	0.5	0.3
	0177	4.90	0.48	4.12	0.10	0.15	0.04	0.01	9.7	84.1	2.1	3.1	0.8	0.3
	0178	5.09	1.16	3.36	0.14	0.38	0.02	0.03	22.7	66.0	2.8	7.5	0.4	0.6
	0179	4.85	0.57	3.94	0.14	0.16	0.02	0.02	11.7	81.2	2.8	3.4	0.5	0.4
	0185	6.91	0.63	5.89	0.14	0.17	0.03	0.04	9.2	85.3	2.1	2.4	0.5	0.6
	0192	7.88	0.59	6.85	0.24	0.09	0.05	0.07	7.5	86.9	3.0	1.1	0.6	0.9
	0196	6.84	0.43	6.03	0.16	0.16	0.03	0.03	6.3	88.2	2.3	2.3	0.5	0.4

IIB 17
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Ascentos™ 1.3

Study 90R0066/05R034_K

Enzymes

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	ALT [µkat/L] week 15	AST [µkat/L] week 15	ALP [µkat/L] week 15	GGT_C [nkat/L] week 15
G 00 / M 0 mg/kg bw/d	0002	0.74	2.02	1.28	25
	0003	0.68	1.56	1.71	25
	0004	0.82	2.46	1.36	25
	0008	0.83	2.58	1.48	25
	0009	0.71	2.35	0.86	25
	0010	0.68	1.31	1.41	25
	0011	0.52	1.77	1.48	25
	0014	0.51	2.24	0.98	25
	0019	0.92	2.17	1.39	25
	0024	0.74	1.40	1.23	25

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Ascentos™ 1.3

Study 90R0066/05R034_K

Enzymes

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	ALT [µkat/L] week 15	AST [µkat/L] week 15	ALP [µkat/L] week 15	GGT_C [µkat/L] week 15
G 01 / M 20 mg/kg bw/d	0025	0.88	2.49	1.50	25
	0028	0.57	2.11	1.25	25
	0031	0.57	1.67	1.35	25
	0033	0.64	1.43	1.34	25
	0034	0.87	2.96	1.18	25
	0035	0.79	2.01	1.09	25
	0039	0.79	2.49	1.46	25
	0042	0.63	1.92	1.31	25
	0043	0.69	1.52	1.82	25
	0046	0.84	2.56	1.27	25

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Study 90R0066/05R034_K

Enzymes

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	ALT [µkat/L] week 15	AST [µkat/L] week 15	ALP [µkat/L] week 15	GGT_C [µkat/L] week 15
G 02 / M 60 mg/kg bw/d	0049	0.64	1.79	1.46	25
	0051	0.95	1.96	1.39	25
	0053	0.70	1.26	1.11	25
	0054	0.59	2.18	0.90	25
	0055	0.75	1.53	1.34	25
	0056	0.69	1.80	1.16	25
	0058	0.88	1.81	1.09	25
	0064	0.91	3.61	1.33	25
	0066	0.58	2.02	1.16	25
	0072	0.71	1.74	1.42	25

IIB 20
17-Oct-2018 06:55
Ascentos™ 1.3

Study 90R0066/05R034_K

Enzymes

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	ALT [µkat/L] week 15	AST [µkat/L] week 15	ALP [µkat/L] week 15	GGT_C [µkat/L] week 15
G 03 / M 180 mg/kg bw/d	0073	0.81	2.24	1.43	25
	0074	0.74	1.52	1.29	25
	0075	1.02	2.08	1.81	25
	0076	0.84	2.13	1.52	25
	0077	0.91	1.80	1.52	25
	0078	0.73	1.68	1.80	25
	0079	0.80	1.67	1.26	25
	0085	0.74	1.83	1.31	25
	0092	0.66	2.36	1.22	25
	0096	18.75	105.63	1.35	25

IIB 21
17-Oct-2018 07:01
Ascentos™ 1.3

Study 90R0066/05R034_K

Enzymes

Sex: **Female** - Phase: **In-life**

Dose Group	Animal Number	ALT [µkat/L] day 122	AST [µkat/L] day 122	ALP [µkat/L] day 122	GGT_C [µkat/L] day 122
G 00 / F 0 mg/kg bw/d	0102	0.68	1.81	0.97	25
	0103	0.78	1.64	1.05	25
	0104	0.77	1.54	1.33	25
	0108	0.71	1.71	0.82	25
	0109	0.65	1.55	0.98	25
	0110	0.81	2.19	1.20	25
	0111	0.85	2.21	1.56	25
	0114	0.71	1.57	1.04	25
	0119	0.82	2.00	1.75	25
	0124	0.89	1.61	1.42	25

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17-Oct-2018 07:01
Ascentos™ 1.3

Study 90R0066/05R034_K

Enzymes

Sex: **Female** - Phase: **In-life**

Dose Group	Animal Number	ALT [µkat/L] day 122	AST [µkat/L] day 122	ALP [µkat/L] day 122	GGT_C [µkat/L] day 122
G 01 / F 20 mg/kg bw/d	0125	0.86	2.50	1.65	25
	0128	0.65	1.48	1.08	25
	0131	0.69	1.79	1.75	25
	0133	0.73	1.55	1.26	25
	0134	0.70	1.50	1.16	25
	0135	0.57	2.01	1.20	25
	0139	0.79	1.50	1.00	25
	0142	0.69	2.09	0.85	25
	0143	0.48	1.18	1.03	25
	0146	0.83	1.42	1.14	25

IIB 23
17-Oct-2018 07:01
Ascentos™ 1.3

Study 90R0066/05R034_K

Enzymes

Sex: **Female** - Phase: **In-life**

Dose Group	Animal Number	ALT [µkat/L] day 122	AST [µkat/L] day 122	ALP [µkat/L] day 122	GGT_C [µkat/L] day 122
G 02 / F 60 mg/kg bw/d	0149	0.70	1.61	1.44	25
	0151	0.79	1.94	0.94	25
	0153	0.90	2.38	1.43	25
	0154	0.77	1.56	1.41	25
	0155	0.60	1.29	1.29	25
	0156	0.59	1.35	0.68	25
	0158	0.70	1.64	0.83	25
	0164	0.65	1.28	1.18	25
	0166	0.65	1.69	1.08	25
	0172	0.84	4.36	0.74	25

IIB 24
17-Oct-2018 07:01
Ascentos™ 1.3

Study 90R0066/05R034_K

Enzymes

Sex: **Female** - Phase: **In-life**

Dose Group	Animal Number	ALT [µkat/L] day 122	AST [µkat/L] day 122	ALP [µkat/L] day 122	GGT C [µkat/L] day 122
G 03 / F 180mg/kg bw/d	0173	0.94	2.09	1.26	25
	0174	0.72	1.38	1.44	25
	0175	0.86	1.59	1.40	25
	0176	0.69	1.72	1.25	25
	0177	0.90	2.83	1.81	25
	0178	0.83	2.01	2.54	25
	0179	0.73	1.89	1.07	25
	0185	0.93	2.62	1.15	25
	0192	0.77	1.74	2.06	25
	0196	0.74	1.44	0.85	25

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Study 90R0066/05R034_K

Substrates

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	UREA [mmol/L] week 15	CREA [mmol/L] week 15	GLUC [mmol/L] week 15	TBIL C [μmol/L] week 15	TPROT [g/L] week 15	ALB [g/L] week 15	GLOB [g/L] week 15	CHOL [mmol/L] week 15	TRIG [mmol/L] week 15
G 00 / M 0 mg/kg bw/d	0002	4.91	18.2	6.47	1.75	63.96	36.75	27.21	1.62	0.48
	0003	5.14	22.5	5.82	1.82	61.39	36.34	25.05	1.41	0.37
	0004	5.80	26.6	5.47	1.76	64.29	37.99	26.30	2.45	0.58
	0008	4.90	17.9	5.32	2.16	66.41	40.08	26.33	1.31	0.57
	0009	4.86	19.5	5.07	1.93	62.29	37.53	24.76	2.06	0.64
	0010	5.19	19.5	5.55	2.96	67.68	40.98	26.70	1.39	0.80
	0011	4.86	18.7	6.17	3.18	65.31	37.50	27.81	2.10	0.80
	0014	4.88	18.4	6.44	2.24	64.19	38.28	25.91	1.54	0.36
	0019	4.65	21.5	5.34	1.87	66.14	39.67	26.47	1.65	0.79
	0024	5.23	20.7	6.90	1.79	62.87	37.87	25.00	1.49	0.54

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Study 90R0066/05R034_K

Substrates

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	UREA [mmol/L] week 15	CREA [mmol/L] week 15	GLUC [mmol/L] week 15	TBIL C [μmol/L] week 15	TPROT [g/L] week 15	ALB [g/L] week 15	GLOB [g/L] week 15	CHOL [mmol/L] week 15	TRIG [mmol/L] week 15
G 01 / M 20 mg/kg bw/d	0025	6.72	26.3	5.98	2.09	64.63	38.80	25.83	2.47	1.39
	0028	5.45	21.7	5.22	1.78	62.06	39.01	23.05	1.55	0.78
	0031	6.87	23.6	6.39	1.81	66.74	37.67	29.07	1.56	0.49
	0033	4.75	19.3	5.75	1.23	63.02	37.45	25.57	1.82	0.52
	0034	4.68	22.0	6.75	1.65	66.43	38.56	27.87	2.17	2.14
	0035	4.63	14.9	5.94	1.56	62.15	38.16	23.99	1.61	0.47
	0039	4.13	19.5	5.79	1.99	63.52	39.14	24.38	2.20	0.99
	0042	4.37	20.4	6.94	2.74	65.81	39.99	25.82	2.34	0.55
	0043	5.83	21.0	6.27	2.29	66.11	39.11	27.00	1.72	0.87
	0046	4.79	20.1	5.28	1.40	63.33	37.64	25.69	1.87	0.75

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Study 90R0066/05R034_K

Substrates

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	UREA [mmol/L] week 15	CREA [mmol/L] week 15	GLUC [mmol/L] week 15	TBIL C [μmol/L] week 15	TPROT [g/L] week 15	ALB [g/L] week 15	GLOB [g/L] week 15	CHOL [mmol/L] week 15	TRIG [mmol/L] week 15
G 02 / M 60 mg/kg bw/d	0049	4.53	19.8	5.95	2.08	62.09	38.09	24.00	2.19	0.56
	0051	5.19	15.7	5.79	1.54	61.85	36.12	25.73	3.15	0.43
	0053	4.97	19.5	6.12	1.54	63.62	37.82	25.80	1.18	0.30
	0054	5.64	17.6	5.19	1.51	69.51	40.49	29.02	1.96	0.86
	0055	4.71	24.7	6.01	2.24	62.78	37.00	25.78	1.56	0.60
	0056	4.61	18.7	6.12	1.31	68.41	39.84	28.57	1.94	0.83
	0058	6.05	21.8	5.69	2.01	63.76	37.47	26.29	1.65	0.71
	0064	6.57	17.2	6.44	2.07	67.97	40.70	27.27	1.37	0.59
	0066	4.08	19.8	5.71	1.53	66.98	38.60	28.38	1.87	0.46
	0072	4.52	15.5	7.02	2.01	64.59	38.32	26.27	2.13	0.94

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Study 90R0066/05R034_K

Substrates

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	UREA [mmol/L] week 15	CREA [mmol/L] week 15	GLUC [mmol/L] week 15	TBIL C [μmol/L] week 15	TPROT [g/L] week 15	ALB [g/L] week 15	GLOB [g/L] week 15	CHOL [mmol/L] week 15	TRIG [mmol/L] week 15
G 03 / M 180 mg/kg bw/d	0073	5.31	17.4	6.09	1.32	66.48	39.07	27.41	1.84	0.67
	0074	4.73	19.5	5.62	1.64	63.37	38.47	24.90	1.21	0.85
	0075	5.07	20.4	5.23	0.97	62.64	37.85	24.79	0.89	1.03
	0076	4.90	16.8	5.90	1.74	62.11	37.67	24.44	1.15	0.62
	0077	5.68	17.4	5.54	1.76	62.86	38.20	24.66	1.27	0.42
	0078	5.21	21.5	7.64	1.95	62.06	36.41	25.65	1.60	1.10
	0079	4.81	22.1	5.45	1.98	65.37	38.81	26.56	1.59	0.95
	0085	3.94	22.7	5.79	1.93	64.44	38.04	26.40	1.63	0.77
	0092	5.41	24.7	6.27	2.29	65.67	38.28	27.39	1.77	0.97
	0096	8.80	21.2	7.12	3.88	57.70	34.85	22.85	1.67	0.71

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Study 90R0066/05R034_K

Substrates

Sex: Female - Phase: In-life

Dose Group	Animal Number	UREA [mmol/L] day 122	CREA [mmol/L] day 122	GLUC [mmol/L] day 122	TBIL_C [μmol/L] day 122	TPROT [g/L] day 122	ALB [g/L] day 122	GLOB [g/L] day 122	CHOL [mmol/L] day 122	TRIG [mmol/L] day 122
G 00 / F 0 mg/kg bw/d	0102	5.37	29.3	5.86	1.45	65.89	40.63	25.26	1.59	0.89
	0103	8.89	27.0	5.43	2.23	69.57	41.04	28.53	1.91	2.35
	0104	7.85	25.1	5.90	1.40	64.49	38.30	26.19	1.50	1.59
	0108	6.14	30.7	5.23	1.94	65.24	39.12	26.12	1.63	1.11
	0109	7.35	29.0	6.35	1.92	67.53	40.85	26.68	2.07	1.63
	0110	5.92	29.3	6.06	2.12	65.54	38.80	26.74	1.87	1.27
	0111	5.22	30.4	5.14	2.04	63.45	36.06	27.39	1.33	1.15
	0114	5.92	30.4	7.20	1.81	64.80	38.80	26.00	2.09	1.59
	0119	6.64	34.6	6.25	1.90	62.42	39.09	23.33	1.70	1.76
	0124	6.76	28.4	5.44	2.22	62.98	37.09	25.89	1.84	1.31

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Study 90R0066/05R034_K

Substrates

Sex: Female - Phase: In-life

Dose Group	Animal Number	UREA [mmol/L] day 122	CREA [mmol/L] day 122	GLUC [mmol/L] day 122	TBIL_C [μmol/L] day 122	TPROT [g/L] day 122	ALB [g/L] day 122	GLOB [g/L] day 122	CHOL [mmol/L] day 122	TRIG [mmol/L] day 122
G 01 / F 20 mg/kg bw/d	0125	7.55	29.8	5.79	2.48	61.31	38.18	23.13	1.76	1.08
	0128	5.07	28.4	6.95	1.84	62.02	36.12	25.90	1.58	0.65
	0131	8.04	32.6	5.14	2.26	69.44	41.06	28.38	1.99	1.66
	0133	6.07	28.7	4.82	1.69	69.76	40.41	29.35	2.30	1.80
	0134	5.53	28.1	5.19	1.78	62.19	37.28	24.91	1.75	0.61
	0135	5.54	28.7	5.79	1.45	61.87	37.31	24.56	1.80	0.88
	0139	6.03	27.3	4.82	1.66	66.26	37.72	28.54	2.05	0.92
	0142	5.61	29.5	5.01	1.65	64.51	39.55	24.96	1.89	1.16
	0143	4.71	25.4	6.63	2.41	65.80	38.84	26.96	1.66	1.35
	0146	9.92	27.3	5.58	2.23	64.58	39.18	25.40	1.93	1.35

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Study 90R0066/05R034_K

Substrates

Sex: Female - Phase: In-life

Dose Group	Animal Number	UREA [mmol/L] day 122	CREA [mmol/L] day 122	GLUC [mmol/L] day 122	TBIL_C [μmol/L] day 122	TPROT [g/L] day 122	ALB [g/L] day 122	GLOB [g/L] day 122	CHOL [mmol/L] day 122	TRIG [mmol/L] day 122
G 02 / F 60 mg/kg bw/d	0149	5.59	29.8	6.45	1.13	69.85	40.52	29.33	1.97	0.73
	0151	4.84	29.3	5.87	1.93	65.56	37.15	28.41	2.11	1.24
	0153	5.58	32.3	5.53	2.06	70.31	42.28	28.03	2.08	1.01
	0154	5.92	24.8	6.70	2.24	60.20	36.32	23.88	1.73	0.92
	0155	5.86	27.9	5.02	1.65	64.05	37.98	26.07	1.90	2.77
	0156	4.79	29.5	4.96	2.49	69.94	40.35	29.59	2.29	1.04
	0158	5.94	32.6	5.24	2.38	71.48	41.60	29.88	2.26	2.01
	0164	4.59	21.5	5.55	1.26	63.13	36.75	26.38	2.39	1.33
	0166	6.59	27.9	5.39	1.50	65.83	40.44	25.39	1.80	0.70
	0172	5.61	27.6	6.61	2.11	64.13	39.75	24.38	2.20	0.97

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Study 90R0066/05R034_K

Substrates

Sex: **Female** - Phase: **In-life**

Dose Group	Animal Number	UREA [mmol/L] day 122	CREA [mmol/L] day 122	GLUC [mmol/L] day 122	TBIL_C [μmol/L] day 122	TPROT [g/L] day 122	ALB [g/L] day 122	GLOB [g/L] day 122	CHOL [mmol/L] day 122	TRIG [mmol/L] day 122
G 03 / F 180mg/kg bw/d	0173	5.70	29.0	6.17	1.55	74.53	43.50	31.03	1.69	0.80
	0174	5.47	28.7	6.12	1.96	69.41	40.70	28.71	1.53	0.73
	0175	6.73	27.9	5.10	1.88	72.23	40.99	31.24	2.30	1.49
	0176	7.79	29.3	6.60	1.68	64.42	38.67	25.75	1.45	2.62
	0177	6.50	32.9	5.92	1.08	69.00	38.37	30.63	1.23	1.27
	0178	7.33	32.9	6.38	1.41	65.10	40.26	24.84	1.19	1.21
	0179	5.68	29.3	5.63	1.85	65.04	39.78	25.26	2.53	1.13
	0185	5.46	29.3	6.32	2.04	69.65	41.03	28.62	1.67	0.66
	0192	7.23	35.4	6.13	1.72	62.35	39.59	22.76	1.69	1.06
	0196	6.10	29.3	4.76	1.12	72.03	41.11	30.92	1.38	1.71

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Study 90R0066/05R034_K

Electrolytes + minerals

Sex: Male - Phase: In-life

Dose Group	Animal Number	NA [mmol/L] week 15	K [mmol/L] week 15	CL [mmol/L] week 15	INP [mmol/L] week 15	CA [mmol/L] week 15
G 00 / M 0 mg/kg bw/d	0002	142.9	4.91	98.2	1.91	2.56
	0003	135.7	4.09	92.5	1.78	2.53
	0004	144.5	5.35	100.8	2.17	2.78
	0008	143.9	5.12	98.4	2.14	2.65
	0009	143.1	5.55	98.3	2.30	2.70
	0010	142.7	4.86	98.4	1.84	2.69
	0011	142.0	5.36	97.8	1.92	2.67
	0014	143.5	5.41	98.9	1.95	2.62
	0019	143.0	5.22	99.5	2.00	2.61
	0024	141.7	5.15	98.2	1.67	2.65

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Study 90R0066/05R034_K

Electrolytes + minerals

Sex: Male - Phase: In-life

Dose Group	Animal Number	NA [mmol/L] week 15	K [mmol/L] week 15	CL [mmol/L] week 15	INP [mmol/L] week 15	CA [mmol/L] week 15
G 01 / M 20 mg/kg bw/d	0025	142.7	5.61	97.9	2.14	2.68
	0028	138.8	4.78	94.9	2.00	2.65
	0031	144.8	4.91	100.1	1.95	2.67
	0033	143.8	5.24	99.6	1.92	2.65
	0034	141.7	5.26	98.6	1.84	2.65
	0035	143.7	5.90	101.2	2.19	2.61
	0039	142.9	4.48	97.8	1.94	2.56
	0042	142.1	5.34	97.6	2.30	2.72
	0043	143.9	5.35	99.2	1.95	2.62
	0046	143.7	4.87	98.4	2.10	2.59

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Study 90R0066/05R034_K

Electrolytes + minerals

Sex: Male - Phase: In-life

Dose Group	Animal Number	NA [mmol/L] week 15	K [mmol/L] week 15	CL [mmol/L] week 15	INP [mmol/L] week 15	CA [mmol/L] week 15
G 02 / M 60 mg/kg bw/d	0049	144.0	5.44	99.2	1.97	2.61
	0051	143.5	5.08	100.1	1.92	2.59
	0053	144.5	4.84	98.0	2.03	2.66
	0054	143.2	5.52	96.3	2.18	2.70
	0055	144.5	4.91	99.6	2.00	2.64
	0056	143.8	5.41	99.3	1.88	2.77
	0058	144.1	5.34	99.6	2.03	2.70
	0064	139.8	6.64	95.0	2.20	2.66
	0066	142.5	5.48	96.8	1.95	2.58
	0072	143.3	5.08	98.5	2.01	2.68

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Study 90R0066/05R034_K

Electrolytes + minerals

Sex: Male - Phase: In-life

Dose Group	Animal Number	NA [mmol/L] week 15	K [mmol/L] week 15	CL [mmol/L] week 15	INP [mmol/L] week 15	CA [mmol/L] week 15
G 03 / M 180 mg/kg bw/d	0073	144.2	5.27	100.0	1.86	2.69
	0074	144.4	4.98	99.1	2.06	2.71
	0075	144.3	5.13	98.2	2.13	2.68
	0076	143.2	5.28	97.3	1.85	2.61
	0077	144.2	5.05	100.1	2.02	2.63
	0078	134.2	4.78	91.4	1.93	2.62
	0079	144.0	5.43	99.6	2.03	2.66
	0085	143.0	5.04	99.0	1.85	2.64
	0092	143.5	5.63	99.1	2.27	2.79
	0096	142.5	4.47	98.6	1.78	2.63

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Study 90R0066/05R034_K

Electrolytes + minerals

Sex: Female - Phase: In-life

Dose Group	Animal Number	NA [mmol/L] day 122	K [mmol/L] day 122	CL [mmol/L] day 122	INP [mmol/L] day 122	CA [mmol/L] day 122
G 00 / F 0 mg/kg bw/d	0102	139.1	4.20	93.7	1.55	2.70
	0103	138.2	5.05	96.2	1.60	2.72
	0104	140.3	4.77	97.5	1.88	2.62
	0108	139.2	4.82	97.8	1.45	2.57
	0109	138.5	5.00	96.5	1.69	2.65
	0110	138.0	4.58	96.0	1.73	2.62
	0111	138.0	4.08	98.8	1.37	2.53
	0114	138.6	5.05	99.9	1.60	2.59
	0119	140.5	4.83	98.2	1.44	2.61
	0124	138.2	4.97	97.5	1.75	2.61

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Study 90R0066/05R034_K

Electrolytes + minerals

Sex: Female - Phase: In-life

Dose Group	Animal Number	NA [mmol/L] day 122	K [mmol/L] day 122	CL [mmol/L] day 122	INP [mmol/L] day 122	CA [mmol/L] day 122
G 01 / F 20 mg/kg bw/d	0125	137.5	5.37	98.9	1.91	2.48
	0128	139.7	4.14	98.6	1.28	2.48
	0131	137.4	4.94	95.4	1.62	2.63
	0133	139.5	4.88	97.6	1.51	2.67
	0134	140.2	4.93	98.2	1.48	2.47
	0135	139.9	4.93	97.9	1.81	2.52
	0139	138.1	4.44	96.0	1.50	2.57
	0142	134.5	4.90	93.6	1.49	2.59
	0143	140.9	4.34	97.5	1.64	2.71
	0146	137.2	5.64	95.0	1.73	2.48

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Study 90R0066/05R034_K

Electrolytes + minerals

Sex: Female - Phase: In-life

Dose Group	Animal Number	NA [mmol/L] day 122	K [mmol/L] day 122	CL [mmol/L] day 122	INP [mmol/L] day 122	CA [mmol/L] day 122
G 02 / F 60 mg/kg bw/d	0149	139.8	4.63	96.4	1.52	2.60
	0151	140.1	5.03	96.3	1.38	2.53
	0153	139.4	5.40	97.0	1.75	2.73
	0154	137.9	5.30	98.0	1.67	2.61
	0155	140.8	5.34	98.7	1.73	2.66
	0156	140.4	4.61	97.8	1.47	2.70
	0158	138.6	4.92	96.5	1.60	2.71
	0164	141.0	4.62	99.6	1.11	2.65
	0166	139.5	5.05	97.6	1.75	2.67
	0172	139.5	5.65	98.0	1.79	2.64

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Study 90R0066/05R034_K

Electrolytes + minerals

Sex: Female - Phase: In-life

Dose Group	Animal Number	NA [mmol/L] day 122	K [mmol/L] day 122	CL [mmol/L] day 122	INP [mmol/L] day 122	CA [mmol/L] day 122
G 03 / F 180mg/kg bw/d	0173	139.9	5.43	99.6	1.37	2.73
	0174	140.1	4.99	97.2	1.46	2.64
	0175	138.9	5.06	97.1	1.61	2.70
	0176	138.5	5.05	95.9	1.58	2.56
	0177	138.9	5.55	98.4	1.69	2.62
	0178	137.4	5.03	95.6	1.55	2.50
	0179	138.7	5.09	96.1	1.52	2.63
	0185	139.7	4.50	97.1	1.14	2.61
	0192	140.0	4.89	97.6	2.06	2.70
	0196	137.8	4.70	95.8	1.75	2.77

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Study 90R0066/05R034_K

Thyroid hormones

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	T4		TSH	
		[nmol/L]		[µg/L]	
		week 15	week 15	week 15	week 15
G 00 / M 0 mg/kg bw/d	0002	64.84		9.05	
	0003	56.01		11.33	
	0004	56.73		9.04	
	0008	56.09		5.33	
	0009	56.49		5.91	
	0010	56.49		7.30	
	0011	53.55		15.50	
	0014	54.45		10.25	
	0019	51.72		5.83	
	0024	55.15		5.14	

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Study 90R0066/05R034_K

Thyroid hormones

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] week 15	TSH [µg/L] week 15
G 01 / M 20 mg/kg bw/d	0025	58.89	6.87
	0028	47.97	7.84
	0031	47.91	9.40
	0033	47.26	6.85
	0034	53.18	6.87
	0035	44.40	4.07
	0039	56.01	9.47
	0042	61.25	7.95
	0043	54.99	26.29
	0046	47.84	8.38

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Study 90R0066/05R034_K

Thyroid hormones

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] week 15	TSH [µg/L] week 15
G 02 / M 60 mg/kg bw/d	0049	51.23	10.21
	0051	52.44	7.50
	0053	56.41	9.07
	0054	48.89	13.81
	0055	41.27	9.63
	0056	48.23	4.33
	0058	53.40	7.41
	0064	84.00	9.70
	0066	52.66	7.54
	0072	54.61	11.26

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Study 90R0066/05R034_K

Thyroid hormones

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] week 15	TSH [µg/L] week 15
G 03 / M 180 mg/kg bw/d	0073	73.99	5.35
	0074	52.01	11.52
	0075	49.03	11.06
	0076	47.71	11.26
	0077	46.94	9.26
	0078	60.27	8.64
	0079	53.55	9.53
	0085	43.63	8.91
	0092	60.36	6.84
	0096	42.93	4.13

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Study 90R0066/05R034_K

Thyroid hormones

Sex: **Female** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 122	TSH [µg/L] day 122
G 00 / F 0 mg/kg bw/d	0102	34.57	5.10
	0103	34.42	4.67
	0104	29.55	4.25
	0108	35.71	5.12
	0109	37.65	11.27
	0110	41.21	5.61
	0111	29.37	3.86
	0114	26.10	3.87
	0119	41.66	4.52
	0124	42.12	6.70

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Study 90R0066/05R034_K

Thyroid hormones

Sex: **Female** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 122	TSH [µg/L] day 122
G 01 / F 20 mg/kg bw/d	0125	37.03	3.64
	0128	40.49	5.34
	0131	36.42	5.15
	0133	29.01	4.26
	0134	39.51	4.26
	0135	49.03	4.54
	0139	39.18	6.55
	0142	36.47	6.21
	0143	29.32	3.29
	0146	37.55	8.87

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Study 90R0066/05R034_K

Thyroid hormones

Sex: **Female** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 122	TSH [µg/L] day 122
G 02 / F 60 mg/kg bw/d	0149	34.22	6.21
	0151	47.52	5.23
	0153	32.34	4.49
	0154	37.81	6.42
	0155	32.92	5.43
	0156	31.59	3.56
	0158	34.86	5.51
	0164	37.34	5.17
	0166	37.29	7.32
	0172	36.21	6.01

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Study 90R0066/05R034_K

Thyroid hormones

Sex: **Female** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 122	TSH [µg/L] day 122
G 03 / F 180mg/kg bw/d	0173	26.05	3.73
	0174	22.42	5.55
	0175	28.60	3.10
	0176	27.83	4.01
	0177	33.25	4.48
	0178	43.69	4.79
	0179	44.10	4.01
	0185	32.01	6.39
	0192	48.76	4.44
	0196	27.61	4.68

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Study 90R0066/05R034_K

Urinalysis

Sex: Male - Phase: In-life

Dose Group	Animal Number	PH [---] day 101	PRO [---] day 101	GLU [---] day 101	KET [---] day 101	UBG [---] day 101	BIL [---] day 101	BLOOD [---] day 101	VOL [ml] day 101	COL [---] day 101	TURB [---] day 101	SP.GR. C [g/L] day 101
G 00 / M 0 mg/kg bw/d	0002	6.5	0	0	1	0	0	1	8.3	y	c	1,037
	0003	6.5	2	0	1	1	1	0	2.9	dy	cl	1,102
	0004	7.0	0	0	0	0	0	0	8.9	y	c	1,035
	0008	6.5	1	0	1	0	0	1	5.9	y	c	1,046
	0009	7.0	0	0	0	0	0	1	9.7	y	c	1,036
	0010	7.0	1	0	0	0	0	1	7.7	y	c	1,035
	0011	7.0	0	0	0	0	0	0	8.5	y	c	1,040
	0014	6.5	0	0	0	0	0	1	8.8	y	c	1,032
	0019	6.5	1	0	1	0	0	1	4.4	y	c	1,060
	0024	7.0	1	0	1	0	1	0	5.0	y	c	1,050

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Study 90R0066/05R034_K

Urinalysis

Sex: Male - Phase: In-life

Dose Group	Animal Number	pH [---] day 101	PRO [---] day 101	GLU [---] day 101	KET [---] day 101	UBG [---] day 101	BIL [---] day 101	BLOOD [---] day 101	VOL [ml] day 101	COL [---] day 101	TURB [---] day 101	SP.GR. C [g/L] day 101
G 01 / M 20 mg/kg bw/d	0025	7.0	0	0	0	0	0	0	14.5	Y	C	1,026
	0028	7.0	0	0	0	0	0	0	9.0	Y	C	1,033
	0031	7.0	1	0	0	0	0	1	4.9	Y	C	1,041
	0033	6.5	1	0	1	0	1	1	4.0	Y	C	1,064
	0034	6.5	0	0	0	0	0	1	9.0	Y	C	1,037
	0035	7.0	1	0	0	0	0	1	4.5	Y	C	1,043
	0039	7.0	0	0	0	0	0	0	9.5	Y	C	1,031
	0042	7.0	0	0	0	0	0	1	6.9	Y	C	1,042
	0043	6.5	0	0	0	0	0	0	6.9	Y	C	1,038
	0046	7.0	0	0	1	0	0	0	7.1	Y	C	1,033

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Study 90R0066/05R034_K

Urinalysis

Sex: Male - Phase: In-life

Dose Group	Animal Number	pH [---] day 101	PRO [---] day 101	GLU [---] day 101	KET [---] day 101	UBG [---] day 101	BIL [---] day 101	BLOOD [---] day 101	VOL [ml] day 101	COL [---] day 101	TURB [---] day 101	SP.GR. C [g/L] day 101
G 02 / M 60 mg/kg bw/d	0049	7.0	0	0	1	0	0	2	7.5	Y	C	1,039
	0051	7.0	0	0	0	0	0	1	9.0	Y	C	1,034
	0053	7.0	0	0	0	0	0	0	8.0	Y	C	1,040
	0054	6.0	1	0	0	0	0	3	4.5	Y	C	1,051
	0055	7.0	0	0	0	0	0	0	7.6	Y	C	1,030
	0056	7.0	0	0	0	0	0	1	7.9	Y	C	1,037
	0058	7.0	0	0	1	0	0	0	7.5	Y	C	1,044
	0064	6.5	1	0	1	0	0	1	6.0	Y	C	1,051
	0066	7.0	1	0	0	0	0	0	7.4	Y	C	1,038
	0072	6.5	0	0	0	0	0	1	9.4	Y	C	1,037

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Urinalysis

Sex: Male - Phase: In-life

Dose Group	Animal Number	PH [---] day 101	PRO [---] day 101	GLU [---] day 101	KET [---] day 101	UBG [---] day 101	BIL [---] day 101	BLOOD [---] day 101	VOL [ml] day 101	COL [---] day 101	TURB [---] day 101	SP.GR. C [g/L] day 101
G 03 / M 180 mg/kg bw/d	0073	6.0	1	0	0	0	0	1	8.0	Y	C	1,039
	0074	6.5	1	0	1	0	0	1	8.2	Y	C	1,043
	0075	6.0	0	0	0	0	0	0	7.5	Y	C	1,035
	0076	6.5	1	0	1	0	1	2	5.0	Y	C	1,046
	0077	6.5	1	0	2	0	0	2	7.2	Y	C	1,046
	0078	7.0	1	0	1	0	0	1	8.6	Y	C	1,042
	0079	6.5	0	0	0	0	0	1	5.7	Y	C	1,041
	0085	6.0	0	0	1	1	1	1	7.0	Y	C	1,045
	0092	6.0	0	0	1	0	0	0	9.0	Y	C	1,030
	0096	6.5	0	0	0	0	0	1	9.0	Y	C	1,033

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Urinalysis

Sex: Male - Phase: In-life

Dose Group	Animal Number	CRYST [---] day 101	CRYST Remark day 101	RENAL EC [---] day 101	TRANSEC [---] day 101	TRANSEC Remark day 101	SQUAM EC [---] day 101	CASTS [---] day 101	ERY [---] day 101	LEUCO [---] day 101
G 00 / M 0 mg/kg bw/d	0002	3	3P	0	0		0	0	0	0
	0003	3	3P	0	0		0	0	0	0
	0004	3	3P	0	0		0	0	1	0
	0008	3	3P	0	1	e	0	0	0	0
	0009	3	3P	0	0		0	0	1	0
	0010	3	3P	0	0		0	0	0	0
	0011	3	3P	0	1	e	0	0	0	0
	0014	3	3P	0	0		0	0	0	0
	0019	3	3P	0	0		0	0	0	0
	0024	3	3P	0	0		0	0	0	0

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Study 90R0066/05R034_K

Urinalysis

Sex: Male - Phase: In-life

Dose Group	Animal Number	CRYST [---] day 101	CRYST Remark day 101	RENAL EC [---] day 101	TRANSEC [---] day 101	TRANSEC Remark day 101	SQUAM EC [---] day 101	CASTS [---] day 101	ERY [---] day 101	LEUCO [---] day 101
G 01 / M 20 mg/kg bw/d	0025	3	3P	0	0		0	0	0	0
	0028	3	3P	0	0		0	0	0	0
	0031	3	3P	0	0		0	0	0	0
	0033	3	3P	0	0		0	0	0	0
	0034	3	3P	0	1		0	0	0	0
	0035	3	3P	0	0		0	0	1	0
	0039	2	2P	0	1		1	0	1	0
	0042	3	3P	0	0		0	0	0	0
	0043	3	3P	0	0		0	0	0	0
	0046	3	3P	0	0		0	0	0	0

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Urinalysis

Sex: Male - Phase: In-life

Dose Group	Animal Number	CRYST [---] day 101	CRYST Remark day 101	RENAL EC [---] day 101	TRANSEC [---] day 101	TRANSEC Remark day 101	SQUAM EC [---] day 101	CASTS [---] day 101	ERY [---] day 101	LEUCO [---] day 101
G 02 / M 60 mg/kg bw/d	0049	3	3P	0	0		0	0	0	0
	0051	3	3P	0	0		0	0	0	0
	0053	3	3P	0	0		0	0	0	0
	0054	3	3P	0	0		0	0	3	0
	0055	3	3P	0	0		0	0	0	0
	0056	3	3P	0	0		0	0	0	0
	0058	3	3P	0	0		0	0	0	0
	0064	3	3P	0	0		0	0	0	0
	0066	3	3P	0	0		0	0	0	0
	0072	2	2P	0	0		0	0	1	0

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Urinalysis

Sex: Male - Phase: In-life

Dose Group	Animal Number	CRYST [---] day 101	CRYST Remark day 101	RENAL EC [---] day 101	TRANSEC [---] day 101	TRANSEC Remark day 101	SQUAM EC [---] day 101	CASTS [---] day 101	ERY [---] day 101	LEUCO [---] day 101
G 03 / M 180 mg/kg bw/d	0073	3	3P	0	0		1	0	1	0
	0074	3	3P	0	0		0	0	0	0
	0075	3	3P	0	0		0	0	0	0
	0076	3	3P	0	0		0	0	0	0
	0077	3	3P	0	0		0	0	0	0
	0078	3	3P	0	0		0	0	0	0
	0079	3	3P	0	0		0	0	0	0
	0085	3	3P	0	0		0	0	0	0
	0092	3	3P	0	0		0	0	0	0
	0096	3	3P	0	0		0	0	0	0

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Study 90R0066/05R034_K

Urinalysis

Sex: Female - Phase: In-life

Dose Group	Animal Number	pH		PRO		GLU		KET		UBG		BIL		BLOOD		VOL		COL		TURB		SP.GR. C	
		day 120	[---]	day 120	[---]	day 120	[---]	day 120	[---]	day 120	[---]	day 120	[---]	day 120	[---]	day 120	[ml]	day 120	[---]	day 120	[---]	day 120	[g/L]
G 00 / F 0 mg/kg bw/d	0102	6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.2	Y	Y	Y	C	C	1,033	
	0103	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	4.9	Y	Y	Y	C	C	1,047	
	0104	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	4.7	Y	Y	Y	C	C	1,039	
	0108	7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.9	Y	Y	Y	C	C	1,041	
	0109	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	6.0	Y	Y	Y	C	C	1,040	
	0110	7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.4	Y	Y	Y	C	C	1,029	
	0111	7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.9	Y	Y	Y	C	C	1,033	
	0114	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	7.1	Y	Y	Y	C	C	1,040	
	0119	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	4.6	Y	Y	Y	C	C	1,051	
	0124	7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.4	Y	Y	Y	C	C	1,043	

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Study 90R0066/05R034_K

Urinalysis

Sex: Female - Phase: In-life

Dose Group	Animal Number	pH [---] day 120	PRO [---] day 120	GLU [---] day 120	KET [---] day 120	UBG [---] day 120	BIL [---] day 120	BLOOD [---] day 120	VOL [ml] day 120	COL [---] day 120	TURB [---] day 120	SP.GR. C [g/L] day 120
G 01 / F 20 mg/kg bw/d	0125	7.0	0	0	0	0	0	0	7.5	y	c	1,036
	0128	7.0	0	0	0	0	0	0	6.0	y	c	1,034
	0131	6.5	0	0	0	0	0	0	6.7	y	c	1,043
	0133	7.0	0	0	0	0	0	0	12.9	y	c	1,030
	0134	6.0	0	0	0	0	1	0	3.5	y	c	1,043
	0135	6.5	0	0	0	0	0	0	10.9	y	c	1,029
	0139	6.5	0	0	0	0	0	0	5.6	y	c	1,045
	0142	7.0	0	0	0	0	0	0	10.0	y	c	1,029
	0143	6.5	0	0	0	0	0	0	6.0	y	c	1,045
	0146	6.5	0	0	0	0	0	0	5.6	y	c	1,039

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Study 90R0066/05R034_K

Urinalysis

Sex: Female - Phase: In-life

Dose Group	Animal Number	PH		PRO		GLU		KET		UBG		BIL		BLOOD		VOL		COL		TURB		SP.GR. C	
		day 120	[---]	day 120	[---]	day 120	[---]	day 120	[---]	day 120	[---]	day 120	[---]	day 120	[ml]	day 120	[---]	day 120	[---]	day 120	[g/L]		
G 02 / F 60 mg/kg bw/d	0149	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	7.0	0	Y	0	C	0	1,037	
	0151	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	6.2	0	Y	0	C	0	1,043	
	0153	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	12.5	0	Y	0	C	0	1,027	
	0154	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	9.3	0	Y	0	C	0	1,033	
	0155	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	7.6	0	Y	0	C	0	1,035	
	0156	7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.3	0	Y	0	C	0	1,034	
	0158	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	5.5	0	Y	0	C	0	1,042	
	0164	6.0	0	0	0	0	0	0	0	0	0	1	0	0	0	4.0	0	Y	0	C	0	1,041	
	0166	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	5.2	0	Y	0	C	0	1,031	
	0172	7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.9	0	Y	0	C	0	1,032	

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Study 90R0066/05R034_K

Urinalysis

Sex: Female - Phase: In-life

Dose Group	Animal Number	PH		PRO		GLU		KET		UBG		BIL		BLOOD		VOL		COL		TURB		SP.GR._C	
		day 120	[---]	day 120	[---]	day 120	[---]	day 120	[---]	day 120	[---]	day 120	[---]	day 120	[ml]	day 120	[---]	day 120	[---]	day 120	[g/L]		
G 03 / F 180mg/kg bw/d	0173	5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.3	0	Y	0	C	0	1,070	
	0174	6.5	1	0	0	0	0	0	0	0	0	1	0	0	0	3.3	0	Y	0	C	0	1,088	
	0175	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	9.9	0	Y	0	C	0	1,035	
	0176	6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	11.0	0	Y	0	C	0	1,034	
	0177	6.5	0	0	0	0	0	0	0	0	0	1	0	0	0	7.6	0	Y	0	C	0	1,042	
	0178	7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	12.9	0	Y	0	C	0	1,027	
	0179	7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	12.8	0	Y	0	C	0	1,024	
	0185	5.0	1	0	0	0	0	0	0	0	0	0	0	0	0	3.7	0	Y	0	C	0	1,064	
	0192	7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.6	0	Y	0	C	0	1,038	
	0196	6.5	1	0	0	0	0	0	0	0	0	1	0	0	0	4.6	0	Y	0	C	0	1,062	

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Urinalysis

Sex: Female - Phase: In-life

Dose Group	Animal Number	CRYST [---] day 120	CRYST Remark day 120	RENAL EC [---] day 120	TRANS EC [---] day 120	TRANS EC Remark day 120	SQUAM EC [---] day 120	CASTS [---] day 120	CASTS Remark day 120	ERY [---] day 120	LEUCO [---] day 120
G 00 / F 0 mg/kg bw/d	0102	1	1P	0	0		1	0		0	0
	0103	3	3P	0	1	e	1	0		0	1
	0104	2	2P	0	1	e	1	0		0	0
	0108	3	3P 10	0	0		0	0		0	0
	0109	3	3P	0	0		0	0		0	0
	0110	3	3P	0	0		0	0		2	1
	0111	3	3P	0	2	e	1	0		0	0
	0114	3	3P	0	0		0	0		0	0
	0119	3	3P	0	0		1	0		1	0
	0124	3	3P 1C	0	0		1	0		1	1

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Urinalysis

Sex: Female - Phase: In-life

Dose Group	Animal Number	CRYST [---] day 120	CRYST Remark day 120	RENAL EC [---] day 120	TRANS EC [---] day 120	TRANS EC Remark day 120	SQUAM EC [---] day 120	CASTS [---] day 120	CASTS Remark day 120	ERY [---] day 120	LEUCO [---] day 120
G 01 / F 20 mg/kg bw/d	0125	3	3P	0	0		0	0		0	1
	0128	3	3P 10	0	0		0	0		0	0
	0131	3	3P	0	2	e	1	0		1	0
	0133	3	3P	0	0		0	0		0	0
	0134	0		0	1	e	0	0		0	2
	0135	3	3P	0	0		0	0		1	0
	0139	3	3P	0	1	e	1	0		0	0
	0142	3	3P	0	1	e	0	0		0	0
	0143	2	2P	0	0		1	0		0	1
	0146	3	3P	0	1	e	0	0		1	1

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Urinalysis

Sex: Female - Phase: In-life

Dose Group	Animal Number	CRYST [---] day 120	CRYST Remark day 120	RENAL EC [---] day 120	TRANS EC [---] day 120	TRANS EC Remark day 120	SQUAM EC [---] day 120	CASTS [---] day 120	CASTS Remark day 120	ERY [---] day 120	LEUCO [---] day 120
G 02 / F 60 mg/kg bw/d	0149	2	2P	0	1	e	1	0		1	0
	0151	3	3P	0	2	e	1	1	GC	0	0
	0153	2	2P	0	0		0	0		0	0
	0154	2	2P	0	1	e	1	0		1	1
	0155	3	3P	0	1	e	1	0		0	2
	0156	3	3P	0	1	e	0	0		0	1
	0158	2		0	0		1	0		0	3
	0164	2	2P	0	1		1	0		0	1
	0166	0		0	0		0	0		0	0
	0172	2	2P	0	0		0	0		1	1

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Study 90R0066/05R034_K

Urinalysis

Sex: Female - Phase: In-life

Dose Group	Animal Number	CRYST [---] day 120	CRYST Remark day 120	RENAL EC [---] day 120	TRANS EC [---] day 120	TRANS EC Remark day 120	SQUAM EC [---] day 120	CASTS [---] day 120	CASTS Remark day 120	ERY [---] day 120	LEUCO [---] day 120
G 03 / F 180mg/kg bw/d	0173	1	1P	0	0		0	0		1	1
	0174	2	1P 10	0	1		1	0		1	1
	0175	0		0	2	e	1	0		1	2
	0176	3	3P	0	1	e	1	0		0	0
	0177	3	3P 10	0	1	e	1	0		0	1
	0178	3	3P	0	0		1	0		0	1
	0179	3	3P	0	1	e	1	0		1	1
	0185	1	1P	0	0		0	0		2	0
	0192	2	2P	0	1	e	0	0		0	1
	0196	3	3P	0	1		1	0		0	1

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Study 90R0066/05R034_K

Spermanalysis

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	MOTILE C		TSgT		TSgC		ABNORMAL C
		[%]	week 15	[Mio/g]	week 15	[Mio/g]	week 15	[%]
G 00 / M 0 mg/kg bw/d	0001	83		124		785		3.5
	0002	90		116		727		4.0
	0003	95		90		567		4.5
	0004	93		108		522		4.0
	0005	85		84		646		3.0
	0006	87		125		742		2.5
	0007	86		86		952		4.5
	0008	89		124		693		2.5
	0009	92		109		734		5.5
	0010	95		110		933		4.5
	0011	91		92		611		4.0
	0012	92		83		806		2.5
	0013	95		81		793		1.0
	0014	90		101		766		6.0
	0015	81		93		806		10.5
	0016	84		102		810		5.5
	0017	83		95		691		3.5
	0018	74		97		666		0.5
	0019	89		94		610		4.5
	0020	88		83		924		2.0
	0021	92		90		647		8.5
	0022	87		94		655		7.0
	0023	90		108		805		3.5
	0024	92		111		671		

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Spermanalysis

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	MOTILE_C [%] week 15	TSIgT [Mio/g] week 15	TSIgC [Mio/g] week 15	ABNORMAL_C [%] week 15
G 01 / M 20 mg/kg bw/d	0025	79			
	0026	87			
	0027	82			
	0028	84			
	0029	70			
	0030	81			
	0031	91			
	0032	82			
	0033	86			
	0034	80			
	0035	89			
	0036	91			
	0037	76			
	0038	69			
	0039	87			
	0040	81			
	0041	90			
	0042	80			
	0043	89			
	0044	82			
	0045	85			
	0046	93			
	0047	90			
	0048	95			

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Study 90R0066/05R034_K

Spermanalysis

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	MOTILE_C [%] week 15	TSIgT [Mio/g] week 15	TSIgC [Mio/g] week 15	ABNORMAL_C [%] week 15
G 02 / M 60 mg/kg bw/d	0049	93			
	0050	90			
	0051	84			
	0052	95			
	0053	75			
	0054	81			
	0055	83			
	0056	79			
	0057	96			
	0058	87			
	0059	82			
	0060	89			
	0061	89			
	0062	87			
	0063	59			
	0064	79			
	0065	86			
	0066	90			
	0067	85			
	0068	90			
	0069	86			
	0070	89			
	0071	81			
	0072	89			

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Spermanalysis

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	MOTILE C		TSIgT		TSIgC		ABNORMAL C	
		[%]	week 15	[Mio/g]	week 15	[Mio/g]	week 15	[%]	week 15
G 03 / M 180 mg/kg bw/d	0073	87	87	87	87	580	580	3.5	3.5
	0074	87	87	97	97	976	976	6.5	6.5
	0075	80	80	108	108	620	620	4.5	4.5
	0076	90	90	98	98	771	771	5.0	5.0
	0077	84	84	96	96	714	714	2.0	2.0
	0078	87	87	148	148	783	783	2.5	2.5
	0079	90	90	111	111	717	717	5.5	5.5
	0080	87	87	107	107	719	719	4.5	4.5
	0081	83	83	94	94	732	732	2.0	2.0
	0082	85	85	98	98	619	619	6.5	6.5
	0083	88	88	103	103	734	734	3.5	3.5
	0084	80	80	75	75	843	843	5.5	5.5
	0085	91	91	95	95	643	643	8.0	8.0
	0086	86	86	98	98	640	640	3.5	3.5
	0087	86	86	94	94	876	876	4.5	4.5
	0088	85	85	102	102	861	861	5.5	5.5
	0089	76	76	101	101	738	738	8.0	8.0
	0090	79	79	122	122	777	777	2.5	2.5
	0091	82	82	85	85	696	696	2.5	2.5
	0092	87	87	92	92	614	614	2.5	2.5
	0093	91	91	94	94	794	794	5.5	5.5
	0094	92	92	140	140	592	592	4.5	4.5
	0095	88	88	131	131	734	734	2.0	2.0
	0096	87	87	128	128	695	695	4.5	4.5

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Study 90R0066/05R034_K

Red blood cell + coagulation parameters

Sex: Male - Phase: In-life

Dose Group	Animal Number	RBC [tera/L] day 90	HGB [mmol/L] day 90	HCT [L/L] day 90	MCV [fL] day 90	MCH [fmol] day 90	MCHC [mmol/L] day 90	RETA [giga/L] day 90	PLT [giga/L] day 90	HQT [sec] day 90
G 10 / M 0 mg/kg bw/d	0201	8.54	8.8	0.422	49.4	1.03	20.94	177.6	696	27.5
	0202	7.59	8.6	0.419	55.1	1.14	20.62	160.1	1,515	36.9
	0203	7.49	8.5	0.392	52.3	1.13	21.63	201.5	974	33.0
	0204	8.15	9.1	0.432	53.0	1.12	21.11	145.9	807	37.1
	0205	7.79	8.5	0.396	50.8	1.09	21.50	163.6	899	36.5
	0206	7.57	8.4	0.394	52.1	1.11	21.24	208.9	892	33.5
	0207	7.90	8.7	0.412	52.2	1.10	21.12	186.4	779	34.1
	0208	8.22	8.6	0.413	50.2	1.05	20.92	195.6	1,051	35.5
	0209	8.08	9.1	0.431	53.4	1.13	21.18	210.1	899	33.3
	0210	7.78	8.7	0.405	52.1	1.12	21.58	181.3	1,013	35.0

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Study 90R0066/05R034_K

Red blood cell + coagulation parameters

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	RBC [tera/L] day 90	HGB [mmol/L] day 90	HCT [L/L] day 90	MCV [fL] day 90	MCH [fmol] day 90	MCHC [mmol/L] day 90	RETA [giga/L] day 90	PLT [giga/L] day 90	HQT [sec] day 90
G 11 / M 20 mg/kg bw/d	0221	8.47	8.6	0.408	48.1	1.01	21.03	256.6	962	33.7
	0222	7.74	8.6	0.404	52.2	1.12	21.37	167.2	871	32.4
	0223	7.88	8.1	0.385	48.9	1.02	20.97	226.9	874	33.3
	0224	7.78	8.3	0.406	52.1	1.07	20.55	242.0	1,138	32.6
	0225	7.56	8.6	0.393	51.9	1.13	21.86	176.1	864	36.9
	0226	8.20	8.9	0.417	50.8	1.08	21.34	201.7	945	33.9
	0227	7.24	8.4	0.397	54.9	1.16	21.21	187.5	790	35.1
	0228	7.51	8.5	0.395	52.5	1.13	21.50	181.7	725	33.0
	0229	8.47	9.2	0.431	50.8	1.08	21.34	166.9	1,099	37.2
	0230	8.23	8.4	0.397	48.2	1.02	21.24	247.7	866	34.5

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Red blood cell + coagulation parameters

Sex: Male - Phase: In-life

Dose Group	Animal Number	RBC [tera/L] day 90	HGB [mmol/L] day 90	HCT [L/L] day 90	MCV [fL] day 90	MCH [fmol] day 90	MCHC [mmol/L] day 90	RETA [giga/L] day 90	PLT [giga/L] day 90	HQT [sec] day 90
G 12 / M 60 mg/kg bw/d	0241	7.63	8.6	0.411	53.9	1.13	20.99	181.6	880	33.8
	0242	7.79	8.6	0.405	52.0	1.10	21.14	166.7	950	34.6
	0243	8.33	8.6	0.414	49.7	1.03	20.66	250.7	999	33.6
	0244	8.25	8.4	0.402	48.7	1.02	20.84	236.0	872	29.6
	0245	8.18	8.8	0.421	51.4	1.08	21.02	232.3	942	34.8
	0246	8.43	8.7	0.409	48.6	1.04	21.34	270.6	849	32.9
	0247	7.65	8.6	0.406	53.0	1.13	21.25	202.7	758	35.9
	0248	7.98	8.6	0.408	51.1	1.08	21.15	166.8	999	33.9
	0249	8.01	8.9	0.418	52.2	1.11	21.19	155.4	733	35.7
	0250	7.65	9.2	0.414	54.1	1.20	22.09	155.3	710	34.7

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Red blood cell + coagulation parameters

Sex: Male - Phase: In-life

Dose Group	Animal Number	RBC [tera/L] day 90	HGB [mmol/L] day 90	HCT [L/L] day 90	MCV [fL] day 90	MCH [fmol] day 90	MCHC [mmol/L] day 90	RETA [giga/L] day 90	PLT [giga/L] day 90	HQT [sec] day 90
G 13 / M 180 mg/kg bw/d	0261	8.16	8.9	0.425	52.1	1.10	21.01	177.1	952	35.8
	0262	8.11	8.5	0.405	50.0	1.05	21.03	151.7	764	34.2
	0263	7.63	8.6	0.404	53.0	1.12	21.15	193.0	1,124	35.5
	0264	8.06	9.2	0.435	53.9	1.14	21.06	191.8	936	34.8
	0265	7.77	9.0	0.423	54.4	1.16	21.36	176.4	929	35.4
	0266	8.08	8.7	0.413	51.1	1.08	21.16	143.8	781	41.6
	0267	8.42	9.4	0.435	51.7	1.11	21.54	158.3	769	41.0
	0268	8.10	9.3	0.439	54.2	1.14	21.14	218.7	641	36.6
	0269	8.43	9.0	0.422	50.0	1.07	21.45	195.6	1,119	38.2
	0270	8.46	9.3	0.432	51.0	1.10	21.52	191.2	772	40.4

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Study 90R0066/05R034_K

Red blood cell + coagulation parameters

Sex: Female - Phase: In-life

Dose Group	Animal Number	RBC [tera/L] day 90	HGB [mmol/L] day 90	HCT [L/L] day 90	MCV [fL] day 90	MCH [fmol] day 90	MCHC [mmol/L] day 90	RETA [giga/L] day 90	PLT [giga/L] day 90	HQT [sec] day 90
G 10 / F 0 mg/kg bw/d	0301	7.81	9.0	0.413	52.9	1.15	21.84	133.6	697	32.1
	0302	7.05	8.5	0.382	54.2	1.20	22.14	139.6	856	30.2
	0303	7.31	8.7	0.394	53.8	1.19	22.05	171.8	820	29.9
	0304	7.80	9.1	0.410	52.5	1.17	22.19	129.5	914	30.1
	0305	7.44	8.2	0.386	51.9	1.11	21.35	212.8	877	32.0
	0306	7.56	8.4	0.395	52.2	1.12	21.37	161.8	815	31.1
	0307	7.30	8.3	0.379	51.9	1.14	21.92	105.1	957	33.8
	0308	8.17	8.7	0.404	49.4	1.06	21.50	183.8	965	29.9
	0309	7.68	9.0	0.411	53.4	1.18	22.03	154.4	761	30.1
	0310	7.33	8.8	0.396	54.1	1.20	22.25	107.0	925	30.8

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Red blood cell + coagulation parameters

Sex: Female - Phase: In-life

Dose Group	Animal Number	RBC [tera/L] day 90	HGB [mmol/L] day 90	HCT [L/L] day 90	MCV [fL] day 90	MCH [fmol] day 90	MCHC [mmol/L] day 90	RETA [giga/L] day 90	PLT [giga/L] day 90	HQT [sec] day 90
G 11 / F 20 mg/kg bw/d	0321	7.66	8.5	0.390	50.8	1.11	21.78	217.5	956	32.3
	0322	7.42	8.6	0.394	53.1	1.16	21.85	176.6	892	32.7
	0323	7.59	8.8	0.396	52.1	1.15	22.14	122.2	875	29.4
	0324	7.35	8.6	0.388	52.9	1.17	22.06	214.6	970	31.4
	0325	7.11	8.2	0.380	53.5	1.15	21.44	156.4	854	33.0
	0326	7.04	8.6	0.386	54.9	1.21	22.14	150.0	699	31.4
	0327	7.64	8.6	0.389	50.9	1.12	22.08	135.2	927	31.0
	0328	7.58	8.6	0.395	52.1	1.14	21.90	198.6	878	30.5
	0329	7.92	8.9	0.418	52.8	1.12	21.27	140.2	883	33.3
	0330	7.76	8.6	0.396	51.1	1.11	21.64	201.0	847	32.9

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Red blood cell + coagulation parameters

Sex: Female - Phase: In-life

Dose Group	Animal Number	RBC [tera/L] day 90	HGB [mmol/L] day 90	HCT [L/L] day 90	MCV [fL] day 90	MCH [fmol] day 90	MCHC [mmol/L] day 90	RETA [giga/L] day 90	PLT [giga/L] day 90	HQT [sec] day 90
G 12 / F 60 mg/kg bw/d	0341	7.91	9.1	0.408	51.5	1.15	22.27	140.8	761	28.0
	0342	7.91	9.1	0.423	53.4	1.16	21.63	137.6	993	30.7
	0343	7.87	9.1	0.411	52.2	1.16	22.23	186.5	922	35.0
	0344	7.41	8.9	0.392	53.0	1.20	22.65	127.5	812	30.6
	0345	7.43	8.5	0.385	51.8	1.15	22.13	182.0	821	31.3
	0346	7.48	8.8	0.399	53.4	1.18	22.09	154.8	1,138	32.1
	0347	7.61	8.8	0.406	53.4	1.15	21.60	181.9	737	32.7
	0348	7.96	9.2	0.419	52.6	1.15	21.85	219.7	948	34.1
	0349	7.23	8.4	0.389	53.7	1.16	21.65	182.2	861	32.7
	0350	7.24	8.6	0.380	52.5	1.19	22.62	157.1	842	32.1

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Red blood cell + coagulation parameters

Sex: Female - Phase: In-life

Dose Group	Animal Number	RBC [tera/L] day 90	HGB [mmol/L] day 90	HCT [L/L] day 90	MCV [fL] day 90	MCH [fmol] day 90	MCHC [mmol/L] day 90	RETA [giga/L] day 90	PLT [giga/L] day 90	HQT [sec] day 90
G 13 / F 180 mg/kg bw/d	0361	7.09	8.5	0.383	54.0	1.19	22.08	114.1	758	31.0
	0363	7.05	8.2	0.368	52.1	1.17	22.35	119.8	985	31.5
	0364	7.45	9.0	0.410	55.0	1.21	22.04	152.7	994	31.9
	0365	6.67	7.9	0.357	53.5	1.18	22.09	168.1	1,078	27.5
	0366	7.43	8.3	0.385	51.8	1.11	21.51	145.6	1,091	30.5
	0367	7.38	8.8	0.397	53.8	1.20	22.23	175.6	1,032	31.6
	0368	7.30	8.7	0.393	53.8	1.19	22.08	221.9	993	31.6
	0369	8.11	9.0	0.407	50.3	1.11	22.10	168.7	1,089	31.9
	0370	7.68	8.8	0.396	51.6	1.14	22.17	167.4	774	33.8
	0371	7.21	8.4	0.382	52.9	1.17	22.07	202.6	742	29.6

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Total white and differential blood cell count

Sex: Male - Phase: In-life

Dose Group	Animal Number	WBC [giga/L]		NEUTA [giga/L]		LYMPHA [giga/L]		MONOA [giga/L]		EOSA [giga/L]		BASOA [giga/L]		LUCA [giga/L]		NEUT [%]		LYMPH [%]		MONO [%]		EOS [%]		BASO [%]		LUC [%]	
		day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90
G 10 / M 0 mg/kg bw/d	0201	9.65	2.04	0.96	9.16	7.01	0.31	0.21	0.03	0.05	0.10	0.03	0.05	0.10	21.1	9.0	86.0	2.5	2.2	2.2	2.2	2.2	0.3	0.3	0.5	0.5	
	0202	10.65	0.96	1.39	7.77	0.19	0.15	0.03	0.05	0.10	0.03	0.05	0.10	0.06	14.5	9.0	86.0	2.5	1.9	1.9	1.6	1.6	0.3	0.3	0.7	0.7	
	0203	9.58	1.39	0.97	9.34	7.77	0.19	0.15	0.03	0.05	0.10	0.03	0.05	0.08	14.1	9.0	86.4	2.4	2.6	2.6	1.6	1.6	0.3	0.3	0.5	0.5	
	0204	10.80	0.97	1.81	10.50	6.84	0.20	0.13	0.04	0.04	0.10	0.03	0.04	0.04	10.5	9.0	84.4	2.5	2.6	2.6	1.6	1.6	0.3	0.3	0.6	0.6	
	0205	12.87	1.81	0.85	6.84	9.92	0.30	0.13	0.04	0.04	0.10	0.03	0.04	0.10	9.1	9.0	86.1	2.6	2.6	2.6	1.2	1.2	0.2	0.2	0.9	0.9	
	0206	8.11	0.85	0.95	7.20	0.19	0.14	0.02	0.02	0.02	0.04	0.02	0.04	0.04	11.1	84.2	2.3	2.3	2.3	1.7	1.7	0.3	0.3	0.5	0.5		
	0207	11.52	1.04	0.95	7.20	0.19	0.14	0.02	0.02	0.02	0.04	0.02	0.04	0.06	14.3	80.7	83.6	1.8	1.8	1.8	1.5	1.5	0.3	0.3	0.8	0.8	
	0208	8.55	0.95	1.11	6.29	0.20	0.11	0.02	0.02	0.02	0.06	0.02	0.06	0.06	12.8	83.6	83.6	1.8	1.8	1.8	1.0	1.0	0.3	0.3	0.5	0.5	
	0209	7.80	1.11	1.58	10.31	0.23	0.12	0.03	0.03	0.03	0.06	0.03	0.06	0.06	12.8	83.6	83.6	1.8	1.8	1.8	1.0	1.0	0.3	0.3	0.5	0.5	
	0210	12.33	1.58	1.58	10.31	0.23	0.12	0.03	0.03	0.03	0.06	0.03	0.06	0.06	12.8	83.6	83.6	1.8	1.8	1.8	1.0	1.0	0.3	0.3	0.5	0.5	

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Study 90R0066/05R034_K
Total white and differential blood cell count
Sex: Male - Phase: In-life

Dose Group	Animal Number	WBC [giga/L]	NEUT [giga/L]	LYMPHA [giga/L]	MONOA [giga/L]	EOSA [giga/L]	BASOA [giga/L]	LUCA [giga/L]	NEUT [%]	LYMPH [%]	MONO [%]	EOS [%]	BASO [%]	LUC [%]
G 11 / M 20 mg/kg bw/d	0221	10.46	1.77	8.17	0.26	0.19	0.03	0.04	16.9	78.1	2.5	1.8	0.2	0.4
	0222	5.78	1.02	4.40	0.15	0.16	0.01	0.04	17.7	76.1	2.6	2.7	0.1	0.7
	0223	9.75	1.30	8.07	0.16	0.14	0.02	0.05	13.3	82.8	1.7	1.4	0.2	0.5
	0224	11.03	1.13	9.22	0.37	0.13	0.03	0.14	10.3	83.6	3.4	1.2	0.3	1.3
	0225	9.58	0.95	8.14	0.34	0.08	0.03	0.05	9.9	84.9	3.6	0.9	0.3	0.5
	0226	12.85	1.76	10.46	0.38	0.12	0.04	0.08	13.7	81.4	3.0	0.9	0.3	0.6
	0227	8.06	0.78	6.87	0.21	0.41	0.03	0.05	9.7	85.3	2.6	1.3	0.4	0.7
	0228	7.90	1.20	6.30	0.16	0.17	0.02	0.05	15.2	79.8	2.0	2.1	0.2	0.6
	0229	10.76	0.87	9.60	0.12	0.06	0.05	0.06	8.1	89.3	1.1	0.5	0.4	0.6
	0230	14.95	1.16	13.15	0.25	0.18	0.05	0.16	7.8	88.0	1.7	1.2	0.3	1.1

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Study 90R0066/05R034_K

Total white and differential blood cell count

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	WBC		NEUTA		LYMPHA		MONOA		EOSA		BASOA		LUCA		NEUT		LYMPH		MONO		EOS		BASO		LUC		
		[giga/L]	day 90	[giga/L]	day 90	[giga/L]	day 90	[giga/L]	day 90	[giga/L]	day 90	[giga/L]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]		
G 12 / M 60 mg/kg bw/d	0241	10.42	1.10	8.95	0.16	0.12	0.02	0.06	10.6	85.9	1.6	1.2	0.2	0.6	0.6	10.6	85.9	1.6	1.2	0.2	0.6	0.6	10.6	85.9	1.6	1.2	0.2	0.6
	0242	6.19	0.69	5.10	0.21	0.13	0.02	0.04	11.1	82.5	3.4	2.0	0.3	0.7	0.5	11.4	82.5	3.4	2.0	0.3	0.7	0.5	11.4	82.5	3.4	2.0	0.3	0.7
	0243	10.12	1.15	8.61	0.10	0.17	0.03	0.05	11.4	85.1	1.0	1.7	0.3	0.5	0.5	11.4	85.1	1.0	1.7	0.3	0.5	0.5	11.4	85.1	1.0	1.7	0.3	0.5
	0244	11.36	2.40	8.30	0.34	0.23	0.03	0.06	21.1	73.1	3.0	2.0	0.3	0.5	0.5	21.1	73.1	3.0	2.0	0.3	0.5	0.5	21.1	73.1	3.0	2.0	0.3	0.5
	0245	7.63	1.24	6.13	0.10	0.13	0.01	0.03	16.2	80.3	1.3	1.7	0.1	0.4	0.4	16.2	80.3	1.3	1.7	0.1	0.4	0.4	16.2	80.3	1.3	1.7	0.1	0.4
	0246	11.70	1.73	9.44	0.19	0.21	0.02	0.11	14.8	80.7	1.6	1.8	0.2	0.9	0.9	14.8	80.7	1.6	1.8	0.2	0.9	0.9	14.8	80.7	1.6	1.8	0.2	0.9
	0247	11.55	1.06	9.84	0.30	0.14	0.06	0.16	9.1	85.2	2.6	1.2	0.5	1.3	1.3	9.1	85.2	2.6	1.2	0.5	1.3	1.3	9.1	85.2	2.6	1.2	0.5	1.3
	0248	11.04	1.28	9.35	0.21	0.11	0.03	0.08	11.6	84.6	1.9	1.0	0.3	0.7	0.7	11.6	84.6	1.9	1.0	0.3	0.7	0.7	11.6	84.6	1.9	1.0	0.3	0.7
	0249	9.44	0.84	8.13	0.25	0.15	0.02	0.06	8.9	86.1	2.7	1.5	0.2	0.6	0.6	8.9	86.1	2.7	1.5	0.2	0.6	0.6	8.9	86.1	2.7	1.5	0.2	0.6
	0250	9.81	0.93	8.48	0.21	0.12	0.02	0.05	9.5	86.4	2.1	1.2	0.2	0.5	0.5	9.5	86.4	2.1	1.2	0.2	0.5	0.5	9.5	86.4	2.1	1.2	0.2	0.5

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Study 90R0066/05R034_K

Total white and differential blood cell count

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	WBC		NEUTA		LYMPHA		MONOA		EOSA		BASOA		LUCA		NEUT		LYMPH		MONO		EOS		BASO		LUC	
		[giga/L]	day 90	[giga/L]	day 90	[giga/L]	day 90	[giga/L]	day 90	[giga/L]	day 90	[giga/L]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	
G 13 / M 180 mg/kg bw/d	0261	6.93	0.94	0.94	5.49	0.31	0.14	0.02	0.03	13.6	79.2	4.4	2.1	0.3	0.4												
	0262	9.62	1.61	1.61	7.45	0.40	0.08	0.03	0.05	16.7	77.4	4.1	0.8	0.3	0.5												
	0263	9.08	1.22	1.22	7.34	0.26	0.18	0.02	0.07	13.4	80.8	2.9	2.0	0.2	0.7												
	0264	7.54	1.24	1.24	5.98	0.17	0.09	0.02	0.04	16.4	79.3	2.3	1.2	0.3	0.5												
	0265	7.98	0.79	0.79	6.71	0.20	0.20	0.01	0.07	9.9	84.0	2.5	2.5	0.2	0.9												
	0266	11.99	0.97	0.97	10.71	0.13	0.09	0.03	0.07	8.1	89.3	1.1	0.7	0.3	0.5												
	0267	10.33	1.24	1.24	8.62	0.21	0.16	0.05	0.05	12.0	83.5	2.0	1.5	0.5	0.5												
	0268	8.01	1.45	1.45	6.01	0.31	0.18	0.03	0.03	18.1	75.0	3.9	2.3	0.3	0.4												
	0269	9.89	1.00	1.00	8.20	0.37	0.15	0.03	0.14	10.1	82.9	3.8	1.5	0.3	1.4												
	0270	7.83	1.53	1.53	5.93	0.19	0.14	0.01	0.02	19.6	75.8	2.4	1.8	0.2	0.2												

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Study 90R0066/05R034_K
Total white and differential blood cell count
Sex: Female - Phase: In-life

Dose Group	Animal Number	WBC [giga/L]		NEUTA [giga/L]		LYMPHA [giga/L]		MONOA [giga/L]		EOSA [giga/L]		BASOA [giga/L]		LUCA [giga/L]		NEUT [%]		LYMPH [%]		MONO [%]		EOS [%]		BASO [%]		LUC [%]	
		day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90
G 10 / F 0 mg/kg bw/d	0301	5.83	0.95	4.54	0.14	0.15	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	16.4	77.9	2.4	2.4	2.5	2.5	0.4	0.4	0.4	0.4	0.4	0.4
	0302	9.31	0.51	8.50	0.10	0.12	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	5.4	91.2	1.1	1.2	1.2	1.2	0.2	0.2	0.2	0.2	0.8	0.8
	0303	7.51	0.72	6.52	0.14	0.07	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	9.5	86.9	1.9	0.9	0.9	0.9	0.2	0.2	0.6	0.6	0.6	0.6
	0304	8.46	0.71	7.26	0.20	0.20	0.03	0.02	0.03	0.02	0.03	0.02	0.03	0.05	0.05	8.4	85.9	2.4	2.3	2.3	2.3	0.3	0.3	0.6	0.6	0.6	0.6
	0305	7.02	0.89	5.83	0.15	0.07	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.06	0.06	12.7	83.0	2.2	0.9	0.9	0.3	0.3	0.8	0.8	0.8	0.8	
	0306	8.27	0.68	7.23	0.19	0.11	0.02	0.02	0.11	0.02	0.02	0.02	0.02	0.04	0.04	8.2	87.4	2.3	1.3	1.3	0.3	0.3	0.5	0.5	0.5	0.5	
	0307	7.02	0.41	6.34	0.13	0.10	0.01	0.02	0.13	0.10	0.10	0.01	0.01	0.02	0.02	5.8	90.3	1.8	1.4	1.4	0.2	0.2	0.3	0.3	0.3	0.3	
	0308	7.67	0.99	6.42	0.10	0.09	0.01	0.05	0.10	0.09	0.09	0.01	0.01	0.05	0.05	12.9	83.7	1.3	1.2	1.2	0.1	0.1	0.7	0.7	0.7	0.7	
	0309	7.55	0.75	6.50	0.15	0.09	0.02	0.02	0.15	0.09	0.09	0.02	0.02	0.04	0.04	9.9	86.1	2.0	1.1	1.1	0.2	0.2	0.5	0.5	0.5	0.5	
	0310	9.20	0.48	8.28	0.16	0.18	0.03	0.03	0.16	0.18	0.18	0.03	0.03	0.07	0.07	5.2	90.1	1.8	1.9	1.9	0.4	0.4	0.7	0.7	0.7	0.7	

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Study 90R0066/05R034_K
Total white and differential blood cell count
Sex: Female - Phase: In-life

Dose Group	Animal Number	WBC [giga/L]	LYMPHA [giga/L]	MONOA [giga/L]	EOSA [giga/L]	BASOA [giga/L]	LUCA [giga/L]	NEUT [%]	LYMPH [%]	MONO [%]	EOS [%]	BASO [%]	LUC [%]
		day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90
G 11 / F 20 mg/kg bw/d	0321	4.25	3.11	0.12	0.08	0.00	0.02	21.6	73.1	2.9	1.8	0.1	0.5
	0322	4.50	3.85	0.07	0.05	0.01	0.03	11.1	85.5	1.5	1.0	0.2	0.7
	0323	5.74	4.89	0.10	0.12	0.02	0.05	9.8	85.2	1.7	2.1	0.4	0.9
	0324	4.53	3.93	0.10	0.06	0.02	0.04	8.7	86.7	2.1	1.3	0.5	0.8
	0325	4.80	4.29	0.07	0.05	0.01	0.01	7.7	89.4	1.4	1.0	0.3	0.2
	0326	12.53	11.05	0.29	0.14	0.05	0.12	7.1	88.2	2.3	1.1	0.4	1.0
	0327	6.38	5.67	0.19	0.09	0.01	0.08	5.4	88.9	2.9	1.4	0.2	1.2
	0328	10.55	8.87	0.27	0.15	0.03	0.13	10.5	84.0	2.6	1.4	0.3	1.2
	0329	10.63	9.50	0.16	0.11	0.03	0.07	7.1	89.4	1.5	1.0	0.3	0.6
	0330	8.41	7.56	0.13	0.05	0.03	0.05	7.0	89.9	1.5	0.6	0.3	0.6

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Study 90R0066/05R034_K

Total white and differential blood cell count

Sex: Female - Phase: In-life

Dose Group	Animal Number	WBC		NEUTA		LYMPHA		MONOA		EOSA		BASOA		LUCA		NEUT		LYMPH		MONO		EOS		BASO		LUC	
		[giga/L]	day 90	[giga/L]	day 90	[giga/L]	day 90	[giga/L]	day 90	[giga/L]	day 90	[giga/L]	day 90	[giga/L]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	
G 12 / F 60 mg/kg bw/d	0341	8.35	0.55	7.48	0.14	0.14	0.02	0.03	6.5	89.5	1.7	0.2	0.4														
	0342	5.68	0.52	4.81	0.19	0.11	0.02	0.04	9.1	84.6	3.4	1.9	0.3														
	0343	7.46	0.80	6.43	0.09	0.10	0.03	0.02	10.7	86.2	1.2	1.3	0.4														
	0344	6.34	0.66	5.29	0.20	0.16	0.01	0.02	10.4	83.5	3.1	2.5	0.2														
	0345	6.98	0.70	5.98	0.12	0.13	0.01	0.03	10.0	85.7	1.8	1.9	0.2														
	0346	10.71	3.51	6.36	0.47	0.25	0.04	0.09	32.7	59.3	4.4	2.3	0.4														
	0347	5.17	0.48	4.31	0.20	0.08	0.02	0.08	9.4	83.4	3.8	1.5	0.3														
	0348	8.27	0.64	7.40	0.09	0.07	0.02	0.04	7.7	89.6	1.1	0.9	0.3														
	0349	5.33	0.46	4.65	0.12	0.07	0.01	0.01	8.7	87.3	2.2	1.2	0.2														
	0350	6.57	0.58	5.74	0.11	0.09	0.01	0.04	8.8	87.4	1.6	1.4	0.2														

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Ascentos™ 1.3

Study 90R0066/05R034_K
Total white and differential blood cell count
Sex: Female - Phase: In-life

Dose Group	Animal Number	WBC [giga/L]		NEUTA [giga/L]		LYMPHA [giga/L]		MONOA [giga/L]		EOSA [giga/L]		BASOA [giga/L]		LUCA [giga/L]		NEUT [%]		LYMPH [%]		MONO [%]		EOS [%]		BASO [%]		LUC [%]	
		day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90
G 13 / F 180 mg/kg bw/d	0361	5.99	0.56	5.00	0.18	0.18	0.02	0.02	0.05	9.3	83.4	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	0363	6.28	0.33	5.65	0.14	0.10	0.02	0.04	5.2	90.0	2.3	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
	0364	6.84	0.64	5.85	0.21	0.09	0.02	0.03	9.4	85.5	3.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
	0365	8.02	0.55	7.12	0.14	0.12	0.02	0.06	6.8	88.8	1.8	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
	0366	9.98	0.57	9.12	0.13	0.07	0.02	0.08	5.7	91.3	1.3	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
	0367	7.74	0.51	6.82	0.17	0.16	0.02	0.06	6.6	88.1	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
	0368	10.15	1.11	8.73	0.13	0.10	0.03	0.05	10.9	86.0	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
	0369	11.00	0.39	10.28	0.10	0.13	0.03	0.07	3.6	93.4	0.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
	0370	6.07	0.73	5.05	0.12	0.12	0.01	0.04	12.0	83.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
	0371	7.87	0.79	6.81	0.15	0.05	0.02	0.04	10.1	86.6	1.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	

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Ascentos™ 1.3

Study 90R0066/05R034_K

Enzymes

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	ALT [µkat/L] day 90	AST [µkat/L] day 90	ALP [µkat/L] day 90	GGT C [nkat/L] day 90
G 10 / M 0 mg/kg bw/d	0201	1.42	4.61	2.08	25
	0202	1.00	3.97	2.11	25
	0203	0.71	2.43	2.00	25
	0204	0.83	1.57	2.01	25
	0205	0.89	2.77	1.57	25
	0206	0.74	2.26	2.49	25
	0207	0.99	2.86	2.28	25
	0208	0.94	2.65	1.97	25
	0209	0.74	2.71	1.89	25
	0210	0.74	2.20	1.74	25

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Ascentos™ 1.3

Study 90R0066/05R034_K

Enzymes

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	ALT [µkat/L] day 90	AST [µkat/L] day 90	ALP [µkat/L] day 90	GGT_C [nkat/L] day 90
G 11 / M 20 mg/kg bw/d	0221	0.91	2.90	2.27	25
	0222	0.89	2.38	2.14	25
	0223	1.00	3.14	1.89	25
	0224	0.74	3.79	1.32	25
	0225	0.99	2.64	1.66	25
	0226	1.38	4.63	1.78	25
	0227	0.64	2.55	2.21	25
	0228	0.62	2.46	2.46	25
	0229	0.83	2.36	1.58	25
	0230	0.85	1.83	1.55	25

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Ascentos™ 1.3

Study 90R0066/05R034_K

Enzymes

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	ALT [µkat/L] day 90	AST [µkat/L] day 90	ALP [µkat/L] day 90	GGT_C [nkat/L] day 90
G 12 / M 60 mg/kg bw/d	0241	0.97	2.49	2.21	25
	0242	1.00	2.15	2.14	25
	0243	0.68	2.29	2.62	25
	0244	0.81	2.97	1.79	25
	0245	1.90	3.76	2.18	25
	0246	0.91	3.30	2.16	25
	0247	0.79	2.17	2.01	25
	0248	0.65	1.59	1.61	25
	0249	0.77	2.48	2.45	25
	0250	0.92	2.56	2.63	25

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Ascentos™ 1.3

Study 90R0066/05R034_K

Enzymes

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	ALT [µkat/L] day 90	AST [µkat/L] day 90	ALP [µkat/L] day 90	GGT C [nkat/L] day 90
G 13 / M 180 mg/kg bw/d	0261	0.65	2.02	2.11	25
	0262	0.98	2.93	2.10	25
	0263	0.95	3.21	2.57	25
	0264	1.07	3.61	2.37	25
	0265	0.84	2.24	2.53	25
	0266	1.10	3.11	3.03	25
	0267	1.06	2.28	2.25	25
	0268	1.05	2.07	2.41	25
	0269	1.18	2.55	2.09	25
	0270	0.83	1.46	1.50	25

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Ascentos™ 1.3

Study 90R0066/05R034_K

Enzymes

Sex: **Female** - Phase: **In-life**

Dose Group	Animal Number	ALT [µkat/L] day 90	AST [µkat/L] day 90	ALP [µkat/L] day 90	GGT C [nkat/L] day 90
G 10 / F 0 mg/kg bw/d	0301	0.67	1.96	1.25	25
	0302	0.79	2.18	1.30	25
	0303	0.67	2.84	0.91	25
	0304	0.95	4.70	1.28	25
	0305	0.68	2.09	0.90	25
	0306	0.68	2.52	1.95	25
	0307	0.78	2.27	1.52	25
	0308	0.74	2.53	1.72	25
	0309	1.16	2.14	1.17	25
	0310	0.68	2.13	0.99	25

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Ascentos™ 1.3

Study 90R0066/05R034_K

Enzymes

Sex: **Female** - Phase: **In-life**

Dose Group	Animal Number	ALT [µkat/L] day 90	AST [µkat/L] day 90	ALP [µkat/L] day 90	GGT_C [nkat/L] day 90
G 11 / F 20 mg/kg bw/d	0321	0.87	2.58	1.97	25
	0322	0.63	2.01	1.71	25
	0323	0.79	2.34	1.50	25
	0324	0.71	2.50	1.79	25
	0325	0.80	1.90	1.48	25
	0326	1.04	2.91	1.05	25
	0327	0.64	2.45	1.65	25
	0328	0.71	1.77	1.53	25
	0329	0.80	2.03	1.13	25
	0330	0.77	1.63	1.02	25

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Study 90R0066/05R034_K

Enzymes

Sex: **Female** - Phase: **In-life**

Dose Group	Animal Number	ALT [µkat/L] day 90	AST [µkat/L] day 90	ALP [µkat/L] day 90	GGT_C [nkat/L] day 90
G 12 / F 60 mg/kg bw/d	0341	0.71	1.64	1.40	25
	0342	0.68	1.87	1.11	25
	0343	0.54	1.52	1.58	25
	0344	0.58	1.67	1.44	25
	0345	0.77	2.36	1.55	25
	0346	0.65	2.26	3.28	25
	0347	0.90	2.98	1.47	25
	0348	0.58	1.50	1.03	25
	0349	0.55	1.77	0.82	25
	0350	1.04	1.81	1.54	25

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Study 90R0066/05R034_K

Enzymes

Sex: **Female** - Phase: **In-life**

Dose Group	Animal Number	ALT [µkat/L] day 90	AST [µkat/L] day 90	ALP [µkat/L] day 90	GGT C [nkat/L] day 90
G 13 / F 180 mg/kg bw/d	0361	0.48	1.34	1.32	25
	0363	0.58	1.28	1.28	25
	0364	0.52	1.65	1.89	25
	0365	0.77	2.02	1.12	25
	0366	0.74	2.28	1.21	25
	0367	0.59	2.26	0.92	25
	0368	1.04	2.53	1.40	25
	0369	0.70	1.56	1.41	25
	0370	0.62	1.31	0.96	25
	0371	0.66	2.26	1.67	25

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Ascentos™ 1.3

Study 90R0066/05R034_K

Substrates

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	UREA [mmol/L] day 90	CREA [mmol/L] day 90	GLUC [mmol/L] day 90	TBIL_C [μmol/L] day 90	TPROT [g/L] day 90	ALB [g/L] day 90	GLOB [g/L] day 90	CHOL [mmol/L] day 90	TRIG [mmol/L] day 90
G 10 / M 0 mg/kg bw/d	0201	5.16	24.5	5.45	2.06	69.28	39.80	29.48	2.47	0.63
	0202	4.74	25.5	5.58	2.01	66.12	37.05	29.07	1.82	0.58
	0203	4.60	22.6	5.90	1.46	63.79	38.76	25.03	1.78	0.67
	0204	4.13	20.2	6.05	2.05	61.30	36.57	24.73	1.33	1.11
	0205	4.74	20.7	5.95	1.76	63.16	38.17	24.99	1.43	1.19
	0206	5.29	20.2	6.51	2.06	62.01	36.01	26.00	1.63	0.76
	0207	4.10	17.7	5.74	2.14	64.11	36.42	27.69	2.28	0.86
	0208	5.02	17.2	5.96	2.03	59.99	35.88	24.11	1.33	0.64
	0209	3.78	18.8	5.92	2.06	62.57	36.63	25.94	2.11	0.42
	0210	4.53	17.2	6.56	1.56	63.20	37.27	25.93	1.75	0.78

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Study 90R0066/05R034_K

Substrates

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	UREA [mmol/L] day 90	CREA [mmol/L] day 90	GLUC [mmol/L] day 90	TBIL_C [μmol/L] day 90	TPROT [g/L] day 90	ALB [g/L] day 90	GLOB [g/L] day 90	CHOL [mmol/L] day 90	TRIG [mmol/L] day 90
G 11 / M 20 mg/kg bw/d	0221	5.09	22.6	5.51	1.84	58.16	35.86	22.30	1.60	1.23
	0222	4.32	22.8	5.33	1.33	60.65	36.98	23.67	1.80	1.04
	0223	4.57	20.2	6.57	1.45	63.66	39.25	24.41	1.47	0.90
	0224	3.96	20.7	6.24	2.10	64.17	37.61	26.56	2.05	0.81
	0225	4.73	22.8	5.00	1.85	58.38	36.39	21.99	1.55	0.82
	0226	4.41	21.5	5.63	1.87	62.68	36.47	26.21	1.60	0.59
	0227	4.63	24.5	6.61	1.58	60.96	35.41	25.55	1.56	0.56
	0228	2.87	21.5	6.03	1.20	61.65	35.41	26.24	2.18	0.95
	0229	4.40	20.4	5.79	1.00	65.54	38.75	26.79	1.71	0.85
	0230	4.98	21.2	6.92	1.43	63.71	36.02	27.69	2.12	0.80

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Study 90R0066/05R034_K

Substrates

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	UREA [mmol/L] day 90	CREA [mmol/L] day 90	GLUC [mmol/L] day 90	TBIL_C [μmol/L] day 90	TPROT [g/L] day 90	ALB [g/L] day 90	GLOB [g/L] day 90	CHOL [mmol/L] day 90	TRIG [mmol/L] day 90
G 12 / M 60 mg/kg bw/d	0241	4.16	21.2	5.48	1.71	62.69	36.94	25.75	1.70	1.21
	0242	3.78	18.5	5.22	1.71	62.23	36.43	25.80	1.67	0.90
	0243	5.04	18.0	5.43	2.16	62.87	37.64	25.23	2.33	0.70
	0244	3.96	17.5	7.21	1.79	62.45	38.65	23.80	1.98	1.41
	0245	3.56	17.7	6.09	2.15	61.37	38.75	22.62	2.10	1.36
	0246	4.34	20.2	5.76	2.49	62.02	37.79	24.23	2.46	0.85
	0247	4.52	22.8	5.78	2.38	66.70	38.14	28.56	1.82	0.62
	0248	4.78	21.2	7.91	1.77	65.67	38.33	27.34	1.62	1.64
	0249	4.48	21.8	5.63	1.58	62.54	37.05	25.49	1.40	0.79
	0250	5.00	22.6	6.45	2.35	63.43	36.17	27.26	2.54	1.42

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Ascentos™ 1.3

Study 90R0066/05R034_K

Substrates

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	UREA [mmol/L] day 90	CREA [mmol/L] day 90	GLUC [mmol/L] day 90	TBIL_C [μmol/L] day 90	TPROT [g/L] day 90	ALB [g/L] day 90	GLOB [g/L] day 90	CHOL [mmol/L] day 90	TRIG [mmol/L] day 90
G 13 / M 180 mg/kg bw/d	0261	3.47	18.0	6.30	2.35	64.25	37.95	26.30	1.34	0.63
	0262	4.58	15.9	5.09	1.84	62.28	37.12	25.16	1.39	0.86
	0263	4.80	19.6	5.24	1.42	63.83	37.31	26.52	1.40	0.71
	0264	4.33	21.0	5.84	1.78	61.41	38.48	22.93	1.70	0.72
	0265	4.86	19.1	5.83	1.63	67.16	39.01	28.15	1.49	0.72
	0266	3.83	18.8	5.94	1.37	59.53	35.15	24.38	0.80	1.43
	0267	6.34	25.0	6.02	1.84	61.54	35.97	25.57	1.21	0.73
	0268	4.81	23.7	5.90	2.95	66.92	38.55	28.37	2.00	0.94
	0269	5.43	22.0	4.64	2.51	63.04	37.66	25.38	1.68	0.77
	0270	4.40	16.9	5.55	1.73	60.54	35.78	24.76	1.14	0.35

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Study 90R0066/05R034_K

Substrates

Sex: Female - Phase: In-life

Dose Group	Animal Number	UREA [mmol/L] day 90	CREA [mmol/L] day 90	GLUC [mmol/L] day 90	TBIL_C [μmol/L] day 90	TPROT [g/L] day 90	ALB [g/L] day 90	GLOB [g/L] day 90	CHOL [mmol/L] day 90	TRIG [mmol/L] day 90
G 10 / F 0 mg/kg bw/d	0301	5.61	23.4	5.29	1.27	65.16	41.55	23.61	2.12	0.45
	0302	5.42	23.9	4.86	1.59	67.06	39.86	27.20	2.43	0.49
	0303	5.52	25.5	5.88	1.90	66.85	40.58	26.27	1.92	0.51
	0304	5.80	25.0	5.54	2.87	68.63	41.68	26.95	1.96	0.66
	0305	5.56	22.3	5.29	2.00	66.26	42.80	23.46	1.45	0.39
	0306	4.99	22.8	6.74	2.06	61.81	37.35	24.46	1.68	0.58
	0307	4.57	27.1	5.72	1.64	63.88	39.96	23.92	1.39	0.37
	0308	4.19	24.5	6.07	1.63	63.15	38.96	24.19	1.85	0.75
	0309	4.15	25.0	5.99	2.53	71.96	41.29	30.67	3.54	1.59
	0310	5.92	27.7	6.94	2.33	65.17	39.98	25.19	1.86	0.60

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Ascentos™ 1.3

Study 90R0066/05R034_K

Substrates

Sex: Female - Phase: In-life

Dose Group	Animal Number	UREA [mmol/L] day 90	CREA [mmol/L] day 90	GLUC [mmol/L] day 90	TBIL_C [μmol/L] day 90	TPROT [g/L] day 90	ALB [g/L] day 90	GLOB [g/L] day 90	CHOL [mmol/L] day 90	TRIG [mmol/L] day 90
G 11 / F 20 mg/kg bw/d	0321	5.77	30.4	6.52	1.85	59.77	39.23	20.54	2.07	0.66
	0322	4.33	25.5	5.00	2.21	59.74	39.04	20.70	1.59	0.54
	0323	5.59	25.3	5.87	2.20	69.17	41.12	28.05	2.21	0.50
	0324	4.88	22.0	5.59	1.73	65.75	42.91	22.84	2.01	0.44
	0325	5.08	23.4	6.70	1.80	62.42	40.60	21.82	1.73	0.32
	0326	5.46	22.8	5.59	2.32	68.31	41.65	26.66	2.23	0.61
	0327	6.13	30.1	5.77	3.06	66.21	39.41	26.80	1.89	0.84
	0328	4.72	22.8	6.55	1.09	66.76	39.30	27.46	2.83	0.92
	0329	4.87	21.8	5.82	1.19	65.07	39.48	25.59	1.77	0.46
	0330	6.61	29.0	6.21	2.44	67.02	39.59	27.43	2.55	0.51

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Ascentos™ 1.3

Study 90R0066/05R034_K

Substrates

Sex: Female - Phase: In-life

Dose Group	Animal Number	UREA [mmol/L] day 90	CREA [mmol/L] day 90	GLUC [mmol/L] day 90	TBIL_C [μmol/L] day 90	TPROT [g/L] day 90	ALB [g/L] day 90	GLOB [g/L] day 90	CHOL [mmol/L] day 90	TRIG [mmol/L] day 90
G 12 / F 60 mg/kg bw/d	0341	5.89	26.9	5.06	1.74	64.96	40.29	24.67	1.85	1.13
	0342	4.81	25.5	5.84	1.99	68.12	41.88	26.24	2.94	0.62
	0343	5.16	25.0	5.67	1.38	65.10	38.82	26.28	1.93	0.37
	0344	4.75	26.6	6.07	2.70	72.12	44.16	27.96	2.33	0.41
	0345	5.12	26.3	7.02	1.61	67.52	42.05	25.47	1.97	0.44
	0346	5.24	27.4	4.80	1.61	62.59	33.00	29.59	2.05	0.52
	0347	4.45	22.3	6.06	2.45	69.60	41.32	28.28	2.09	0.76
	0348	4.48	17.7	6.88	1.56	69.04	40.58	28.46	1.93	0.86
	0349	5.07	27.4	5.68	2.54	73.26	45.10	28.16	1.76	0.43
	0350	5.17	19.1	6.96	3.18	71.75	42.70	29.05	2.30	0.66

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Study 90R0066/05R034_K

Substrates

Sex: Female - Phase: In-life

Dose Group	Animal Number	UREA [mmol/L] day 90	CREA [mmol/L] day 90	GLUC [mmol/L] day 90	TBIL_C [μmol/L] day 90	TPROT [g/L] day 90	ALB [g/L] day 90	GLOB [g/L] day 90	CHOL [mmol/L] day 90	TRIG [mmol/L] day 90
G 13 / F 180 mg/kg bw/d	0361	3.89	19.1	5.82	2.78	65.94	41.78	24.16	1.72	0.86
	0363	5.00	20.4	5.87	2.38	71.11	44.66	26.45	1.58	0.60
	0364	4.56	28.5	6.85	3.40	65.02	40.25	24.77	2.28	0.37
	0365	4.95	24.7	5.38	2.40	78.32	48.22	30.10	2.71	0.67
	0366	4.66	26.9	5.36	2.65	69.78	44.03	25.75	2.52	0.53
	0367	5.06	27.1	6.38	2.33	71.89	42.74	29.15	1.86	0.60
	0368	5.87	27.4	6.23	2.25	69.63	40.80	28.83	1.58	0.67
	0369	4.01	19.9	5.95	2.66	68.50	40.23	28.27	1.96	0.64
	0370	5.00	20.7	6.69	1.82	68.49	42.19	26.30	1.47	0.83
	0371	4.81	25.8	6.01	2.50	72.83	43.36	29.47	2.27	0.55

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Ascentos™ 1.3

Study 90R0066/05R034_K

Electrolytes + minerals

Sex: Male - Phase: In-life

Dose Group	Animal Number	NA [mmol/L] day 90	K [mmol/L] day 90	CL [mmol/L] day 90	INP [mmol/L] day 90	CA [mmol/L] day 90
G 10 / M 0 mg/kg bw/d	0201	144.8	5.83	100.7	2.68	2.74
	0202	144.7	5.91	102.4	2.42	2.56
	0203	148.2	4.88	103.8	2.16	2.50
	0204	146.4	5.65	103.5	2.35	2.66
	0205	147.3	5.06	103.5	2.37	2.70
	0206	146.4	5.05	103.7	2.20	2.49
	0207	144.2	5.78	102.2	2.47	2.58
	0208	146.0	5.24	102.5	2.32	2.53
	0209	144.2	5.62	102.0	2.23	2.39
	0210	145.9	5.44	103.2	2.16	2.56

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Ascentos™ 1.3

Study 90R0066/05R034_K

Electrolytes + minerals

Sex: Male - Phase: In-life

Dose Group	Animal Number	NA [mmol/L] day 90	K [mmol/L] day 90	CL [mmol/L] day 90	INP [mmol/L] day 90	CA [mmol/L] day 90
G 11 / M 20 mg/kg bw/d	0221	145.3	5.53	104.3	2.49	2.41
	0222	149.0	5.00	106.7	2.07	2.49
	0223	144.8	5.36	103.9	2.15	2.53
	0224	143.9	5.50	100.1	2.33	2.49
	0225	143.3	5.20	101.9	2.49	2.45
	0226	145.6	5.94	102.6	2.61	2.52
	0227	146.2	5.44	103.2	2.19	2.41
	0228	147.4	5.24	103.7	2.31	2.52
	0229	147.2	5.82	104.2	2.42	2.54
	0230	144.9	5.44	102.1	2.12	2.51

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Ascentos™ 1.3

Study 90R0066/05R034_K

Electrolytes + minerals

Sex: Male - Phase: In-life

Dose Group	Animal Number	NA [mmol/L] day 90	K [mmol/L] day 90	CL [mmol/L] day 90	INP [mmol/L] day 90	CA [mmol/L] day 90
G 12 / M 60 mg/kg bw/d	0241	148.5	5.29	105.6	2.17	2.51
	0242	147.7	5.53	104.3	2.05	2.55
	0243	146.7	5.63	104.9	2.40	2.64
	0244	146.5	5.03	102.9	2.05	2.56
	0245	146.2	5.63	103.7	2.15	2.49
	0246	147.7	5.66	104.3	2.29	2.55
	0247	146.5	5.14	100.5	2.38	2.68
	0248	146.1	5.19	103.2	1.99	2.61
	0249	145.6	5.75	104.1	2.21	2.59
	0250	146.1	5.45	103.3	2.31	2.57

IIB 104
17-Oct-2018 07:58
Ascentos™ 1.3

Study 90R0066/05R034_K

Electrolytes + minerals

Sex: Male - Phase: In-life

Dose Group	Animal Number	NA [mmol/L] day 90	K [mmol/L] day 90	CL [mmol/L] day 90	INP [mmol/L] day 90	CA [mmol/L] day 90
G 13 / M 180 mg/kg bw/d	0261	146.7	5.54	104.9	2.29	2.62
	0262	146.4	5.46	102.6	2.19	2.60
	0263	145.2	5.68	101.1	2.55	2.66
	0264	147.3	5.54	103.2	2.46	2.58
	0265	147.5	5.20	106.0	2.29	2.58
	0266	145.6	5.27	102.5	2.28	2.41
	0267	148.2	5.44	104.9	2.72	2.54
	0268	146.1	5.16	102.6	2.21	2.64
	0269	146.1	5.56	100.5	2.45	2.62
	0270	147.2	5.68	101.9	2.56	2.56

IIB 105
17-Oct-2018 07:58
Ascentos™ 1.3

Study 90R0066/05R034_K

Electrolytes + minerals

Sex: Female - Phase: In-life

Dose Group	Animal Number	NA [mmol/L] day 90	K [mmol/L] day 90	CL [mmol/L] day 90	INP [mmol/L] day 90	CA [mmol/L] day 90
G 10 / F 0 mg/kg bw/d	0301	142.8	4.98	103.3	1.83	2.65
	0302	143.1	4.94	102.4	1.97	2.58
	0303	144.0	4.70	103.8	1.92	2.45
	0304	141.8	5.59	100.5	2.26	2.58
	0305	144.8	4.87	105.0	1.83	2.62
	0306	144.1	4.79	103.8	2.12	2.56
	0307	143.6	5.51	103.5	2.01	2.53
	0308	143.8	5.05	103.1	1.80	2.54
	0309	143.9	5.03	101.2	1.76	2.68
	0310	143.5	4.72	102.4	1.81	2.59

IIB 106
17-Oct-2018 07:58
Ascentos™ 1.3

Study 90R0066/05R034_K

Electrolytes + minerals

Sex: Female - Phase: In-life

Dose Group	Animal Number	NA [mmol/L] day 90	K [mmol/L] day 90	CL [mmol/L] day 90	INP [mmol/L] day 90	CA [mmol/L] day 90
G 11 / F 20 mg/kg bw/d	0321	144.4	4.42	105.8	1.70	2.40
	0322	145.9	4.63	108.2	1.62	2.46
	0323	146.0	4.96	103.7	2.13	2.65
	0324	144.2	4.67	103.2	1.48	2.42
	0325	145.8	4.48	106.7	1.65	2.43
	0326	142.5	5.04	101.1	2.08	2.66
	0327	143.3	5.00	100.7	2.02	2.58
	0328	144.9	5.10	103.2	1.89	2.58
	0329	147.0	4.99	105.6	2.06	2.58
	0330	143.6	4.77	102.3	1.82	2.56

IIB 107
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Ascentos™ 1.3

Study 90R0066/05R034_K

Electrolytes + minerals

Sex: Female - Phase: In-life

Dose Group	Animal Number	NA [mmol/L] day 90	K [mmol/L] day 90	CL [mmol/L] day 90	INP [mmol/L] day 90	CA [mmol/L] day 90
G 12 / F 60 mg/kg bw/d	0341	144.3	5.48	102.8	2.34	2.67
	0342	145.0	5.26	104.3	1.95	2.64
	0343	143.4	4.57	100.9	1.85	2.53
	0344	144.6	4.48	102.6	1.97	2.69
	0345	145.1	5.04	105.5	1.98	2.57
	0346	144.5	4.75	101.8	1.82	2.51
	0347	144.9	4.64	101.3	1.80	2.68
	0348	145.1	4.23	101.4	1.67	2.55
	0349	145.5	5.28	106.7	1.81	2.59
	0350	145.4	4.52	101.1	1.74	2.65

IIB 108
17-Oct-2018 07:58
Ascentos™ 1.3

Study 90R0066/05R034_K

Electrolytes + minerals

Sex: Female - Phase: In-life

Dose Group	Animal Number	NA [mmol/L] day 90	K [mmol/L] day 90	CL [mmol/L] day 90	INP [mmol/L] day 90	CA [mmol/L] day 90
G 13 / F 180 mg/kg bw/d	0361	145.4	5.31	103.9	2.01	2.69
	0363	142.9	4.89	101.2	1.88	2.74
	0364	145.0	4.68	103.0	2.07	2.66
	0365	144.9	4.62	105.2	1.54	2.80
	0366	145.1	4.99	103.5	1.78	2.67
	0367	144.9	5.20	101.1	1.93	2.68
	0368	143.0	5.14	100.8	2.21	2.58
	0369	143.9	5.68	100.7	1.90	2.55
	0370	145.8	4.99	103.5	1.81	2.63
	0371	144.7	4.82	99.3	2.04	2.64

IIB 109
17-Oct-2018 08:09
Ascentos™ 1.3

Study 90R0066/05R034_K

Thyroid hormones

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 4	TSH [µg/L] day 4
G 00 / M 0 mg/kg bw/d	1401	35.49	3.95
	1402	26.36	3.49
	1403	30.05	4.99
	1404	29.20	4.12
	1405	25.19	3.92
	1406	23.03	3.30
	1407	16.07	3.45
	1408	30.43	3.35
	1409	24.05	3.55
	1410	34.86	4.61

IIB 110
17-Oct-2018 08:09
Ascentos™ 1.3

Study 90R0066/05R034_K

Thyroid hormones

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 4	TSH [µg/L] day 4
G 01 / M 20 mg/kg bw/d	1411	24.53	3.26
	1412	28.22	3.22
	1413	23.58	3.11
	1414	18.11	4.38
	1415	20.87	4.06
	1416	25.09	3.64
	1417	27.92	3.78
	1418	26.71	4.27
	1419	16.31	3.31

IIB 111
17-Oct-2018 08:09
Ascentos™ 1.3

Study 90R0066/05R034_K

Thyroid hormones

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 4	TSH [µg/L] day 4
G 02 / M 60 mg/kg bw/d	1421	25.83	3.62
	1422	24.60	3.50
	1423	25.12	3.75
	1424	28.49	4.71
	1425	26.85	2.98
	1426	21.75	3.48
	1427	27.29	4.31
	1428	22.72	3.16
	1429	30.09	3.22
	1430	22.13	5.13

IIB 112
17-Oct-2018 08:09
Ascentos™ 1.3

Study 90R0066/05R034_K

Thyroid hormones

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 4	TSH [µg/L] day 4
G 03 / M 180 mg/kg bw/d	1431	26.57	3.52
	1432	27.69	3.59
	1433	28.61	4.91
	1434	28.38	3.90
	1435	29.20	2.71
	1436	23.09	4.00
	1437	26.96	4.62
	1438	17.28	5.69
	1439	24.63	2.85
	1440	24.02	4.03

IIB 113
17-Oct-2018 08:09
Ascentos™ 1.3

Study 90R0066/05R034_K

Thyroid hormones

Sex: **Female** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 4	TSH [µg/L] day 4
G 00 / F 0 mg/kg bw/d	1501	20.40	4.12
	1502	25.63	3.50
	1503	19.43	4.04
	1504	22.75	3.88
	1505	24.53	4.10
	1506	34.50	5.22
	1507	25.90	4.16
	1508	25.90	3.96
	1509	23.99	4.33
	1510	22.36	4.23

IIB 114
17-Oct-2018 08:09
Ascentos™ 1.3

Study 90R0066/05R034_K

Thyroid hormones

Sex: **Female** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 4	TSH [µg/L] day 4
G 01 / F 20 mg/kg bw/d	1511	24.08	3.52
	1512	23.46	2.87
	1513	22.04	3.38
	1514	29.76	3.50
	1515	28.49	3.04
	1516	34.81	3.75
	1517	21.46	2.89
	1518	32.84	4.89
	1519	33.56	3.95
	1520	31.16	3.58

IIB 115
17-Oct-2018 08:09
Ascentos™ 1.3

Study 90R0066/05R034_K

Thyroid hormones

Sex: **Female** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 4	TSH [µg/L] day 4
G 02 / F 60 mg/kg bw/d	1521	25.36	5.30
	1522	18.65	3.16
	1523	28.41	3.38
	1524	23.30	3.90
	1525	17.06	4.00
	1526	29.64	3.89
	1527	23.99	4.29
	1528	23.61	3.13
	1529	32.74	3.55
	1530	25.26	3.89

IIB 116
17-Oct-2018 08:09
Ascentos™ 1.3

Study 90R0066/05R034_K

Thyroid hormones

Sex: **Female** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 4	TSH [µg/L] day 4
G 03 / F 180mg/kg bw/d	1531	25.29	3.79
	1532	28.41	6.66
	1533	30.43	3.33
	1534	22.16	2.89
	1535	29.28	3.64
	1536	12.64	2.97
	1537	26.25	6.27
	1538	24.50	3.70
	1539	22.93	3.44
	1540	26.60	2.77

IIB 117
17-Oct-2018 08:16
Ascentos™ 1.3

Study 90R0066/05R034_K

Thyroid hormones

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 22	TSH [µg/L] day 22
G 10 / M 0 mg/kg bw/d	1601	48.60	4.11
	1602	57.57	5.46
	1603	54.48	3.27
	1604	40.27	5.63
	1605	41.04	4.86
	1606	55.48	4.91
	1607	56.38	3.19
	1608	49.74	4.06
	1609	51.67	4.48
	1610	56.04	3.52

IIB 118
17-Oct-2018 08:16
Ascentos™ 1.3

Study 90R0066/05R034_K

Thyroid hormones

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 22	TSH [µg/L] day 22
G 11 / M 20 mg/kg bw/d	1611	60.45	3.39
	1612	57.06	4.49
	1613	53.61	3.89
	1614	61.54	3.99
	1615	55.48	3.76
	1616	51.99	4.56
	1617	61.06	5.26
	1618	42.30	4.92
	1619	51.25	7.19
	1620	49.74	4.12

IIB 119
17-Oct-2018 08:16
Ascentos™ 1.3

Study 90R0066/05R034_K

Thyroid hormones

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 22	TSH [µg/L] day 22
G 12 / M 60 mg/kg bw/d	1621	60.94	4.66
	1622	71.03	5.22
	1623	52.31	4.19
	1624	48.50	3.74
	1625	50.46	11.85
	1626	52.15	5.13
	1627	50.46	6.35
	1628	48.20	3.19
	1629	58.27	3.89
	1630	63.16	5.61

IIB 120
17-Oct-2018 08:16
Ascentos™ 1.3

Study 90R0066/05R034_K

Thyroid hormones

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 22	TSH [µg/L] day 22
G 13 / M 180 mg/kg bw/d	1631	55.70	4.14
	1632	51.30	4.56
	1633	57.51	4.26
	1634	59.62	2.76
	1635	60.63	6.12
	1636	52.47	3.92
	1637	61.85	2.85
	1638	72.72	4.05
	1639	56.55	4.44
	1640	46.58	4.64

IIB 121
17-Oct-2018 08:16
Ascentos™ 1.3

Study 90R0066/05R034_K

Thyroid hormones

Sex: **Female** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 22	TSH [µg/L] day 22
G 10 / F 0 mg/kg bw/d	1701	69.60	3.70
	1702	56.32	4.86
	1703	68.70	8.64
	1704	48.09	3.59
	1705	42.59	3.16
	1706	53.23	2.46
	1707	51.15	4.81
	1708	56.43	2.75
	1709	61.91	3.01
	1710	52.90	6.54

IIB 122
17-Oct-2018 08:16
Ascentos™ 1.3

Study 90R0066/05R034_K

Thyroid hormones

Sex: **Female** - Phase: **In-life**

Dose Group	Animal Number	T4		TSH	
		[nmol/L]	day 22	[µg/L]	day 22
G 11 / F 20 mg/kg bw/d	1711	45.33		4.33	
	1712	59.14		3.81	
	1713	64.04		4.15	
	1714	55.76		4.41	
	1715	57.29		5.87	
	1716	46.83		4.70	
	1717	54.65		2.64	
	1718	57.80		6.36	
	1719	60.88		5.44	
	1720	58.03		3.09	

IIB 123
17-Oct-2018 08:16
Ascentos™ 1.3

Study 90R0066/05R034_K

Thyroid hormones

Sex: **Female** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 22	TSH [µg/L] day 22
G 12 / F 60 mg/kg bw/d	1721	39.03	5.11
	1722	57.57	3.27
	1723	50.67	4.13
	1724	64.94	5.48
	1725	41.57	3.31
	1726	46.58	4.78
	1727	56.15	5.52
	1728	44.99	5.59
	1729	40.80	3.77
	1730	55.20	2.90

IIB 124
17-Oct-2018 08:16
Ascentos™ 1.3

Study 90R0066/05R034_K

Thyroid hormones

Sex: **Female** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 22	TSH [µg/L] day 22
G 13 / F 180 mg/kg bw/d	1731	46.43	4.59
	1732	50.73	4.79
	1733	56.38	7.06
	1734	48.66	2.34
	1735	55.09	3.85
	1736	56.26	4.32
	1737	37.46	3.84
	1738	52.31	5.19
	1739	49.69	5.70
	1740	57.69	4.21

IIB 125
17-Oct-2018 08:01
Ascentos™ 1.3

Study 90R0066/05R034_K

Thyroid hormones

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 90	TSH [µg/L] day 90
G 10 / M 0 mg/kg bw/d	0201	83.51	9.24
	0202	64.98	13.32
	0203	84.90	7.06
	0204	65.90	16.08
	0205	70.57	6.79
	0206	68.30	5.33
	0207	71.35	16.71
	0208	77.86	4.31
	0209	64.08	11.81
	0210	72.56	5.48

IIB 126
17-Oct-2018 08:01
Ascentos™ 1.3

Study 90R0066/05R034_K

Thyroid hormones

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 90	TSH [µg/L] day 90
G 11 / M 20 mg/kg bw/d	0221	67.45	7.91
	0222	88.56	8.77
	0223	70.83	3.32
	0224	76.22	11.66
	0225	57.16	8.88
	0226	54.75	6.36
	0227	70.57	5.82
	0228	54.21	5.00
	0229	51.87	3.32
	0230	49.97	9.78

IIB 127
17-Oct-2018 08:01
Ascentos™ 1.3

Study 90R0066/05R034_K

Thyroid hormones

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 90	TSH [µg/L] day 90
G 12 / M 60 mg/kg bw/d	0241	66.85	6.23
	0242	62.75	11.93
	0243	72.29	11.01
	0244	88.75	11.67
	0245	55.47	4.06
	0246	61.15	11.94
	0247	55.38	8.64
	0248	59.41	6.26
	0249	56.78	9.20
	0250	55.84	5.18

IIB 128
17-Oct-2018 08:01
Ascentos™ 1.3

Study 90R0066/05R034_K

Thyroid hormones

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 90	TSH [µg/L] day 90
G 13 / M 180 mg/kg bw/d	0261	63.96	5.56
	0262	60.12	4.34
	0263	63.30	12.79
	0264	69.93	5.49
	0265	77.56	8.52
	0266	51.78	3.67
	0267	44.65	5.93
	0268	66.61	9.82
	0269	64.30	5.51
	0270	44.22	3.14

IIB 129
17-Oct-2018 08:01
Ascentos™ 1.3

Study 90R0066/05R034_K

Thyroid hormones

Sex: **Female** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 90	TSH [µg/L] day 90
G 10 / F 0 mg/kg bw/d	0301	31.02	2.52
	0302	30.22	2.81
	0303	57.16	2.97
	0304	32.34	3.49
	0305	37.94	3.97
	0306	30.59	3.25
	0307	33.17	3.13
	0308	51.03	3.63
	0309	35.76	4.29
	0310	44.72	2.26

IIB 130
17-Oct-2018 08:01
Ascentos™ 1.3

Study 90R0066/05R034_K

Thyroid hormones

Sex: **Female** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 90	TSH [µg/L] day 90
G 11 / F 20 mg/kg bw/d	0321	54.66	2.18
	0322	40.68	3.08
	0323	40.68	4.97
	0324	38.88	3.77
	0325	34.77	4.14
	0326	34.77	2.52
	0327	27.77	3.41
	0328	42.82	4.31
	0329	32.95	3.37
	0330	30.38	4.62

IIB 131
17-Oct-2018 08:01
Ascentos™ 1.3

Study 90R0066/05R034_K

Thyroid hormones

Sex: **Female** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 90	TSH [µg/L] day 90
G 12 / F 60 mg/kg bw/d	0341	34.60	2.98
	0342	41.94	3.56
	0343	41.87	3.07
	0344	45.59	4.04
	0345	41.34	3.67
	0346	28.07	3.70
	0347	49.80	3.37
	0348	31.08	3.24
	0349	33.74	3.49
	0350	37.82	3.74

IIB 132
17-Oct-2018 08:01
Ascentos™ 1.3

Study 90R0066/05R034_K

Thyroid hormones

Sex: **Female** - Phase: **In-life**

Dose Group	Animal Number	T4 [nmol/L] day 90	TSH [µg/L] day 90
G 13 / F 180 mg/kg bw/d	0361	29.32	2.82
	0363	35.24	3.73
	0364	58.03	3.30
	0365	35.59	4.22
	0366	41.01	6.11
	0367	27.26	2.55
	0368	56.03	4.06
	0369	42.07	3.67
	0370	30.54	4.35
	0371	43.66	4.46

IIB 133
17-Oct-2018 08:21
Ascentos™ 1.3

Study 90R0066/05R034_K

T-cell dependent antibody response (SRBC) [U/mL]

Sex: Male - Phase: In-life

Dose Group	Animal Number	day 63
G 10 / M 0 mg/kg bw/d	1001	2,511
	1002	2,783
	1003	2,534
	1004	2,693
	1005	10,436
	1006	1,711
	1007	1,790
	1008	2,307
	1009	2,865
	1010	7,747

IIB 134
17-Oct-2018 08:21
Ascentos™ 1.3

Study 90R0066/05R034_K

T-cell dependent antibody response (SRBC) [U/mL]

Sex: Male - Phase: In-life

Dose Group	Animal Number	day 63
G 11 / M 20 mg/kg bw/d	1011	6.461
	1012	8.936
	1013	3.121
	1014	982
	1015	3.793
	1016	2.238
	1017	1.757
	1018	1.965
	1019	3.623
	1020	4.396

IIB 135
17-Oct-2018 08:21
Ascentos™ 1.3

Study 90R0066/05R034_K

T-cell dependent antibody response (SRBC) [U/mL]

Sex: Male - Phase: In-life

Dose Group	Animal Number	day 63
G 12 / M 60 mg/kg bw/d	1021	4,841
	1022	3,143
	1023	2,538
	1024	3,905
	1025	3,995
	1026	4,952
	1027	8,084
	1028	5,551
	1029	4,996
	1030	2,139

IIB 136
17-Oct-2018 08:21
Ascentos™ 1.3

Study 90R0066/05R034_K

T-cell dependent antibody response (SRBC) [U/mL]

Sex: Male - Phase: In-life

Dose Group	Animal Number	day 63
G 13 / M 180 mg/kg bw/d	1031	10,008
	1032	1,051
	1033	1,514
	1034	2,735
	1035	6,828
	1036	4,240
	1037	3,018
	1038	3,018
	1039	2,142
	1040	1,434

IIB 137
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Study 90R0066/05R034_K

T-cell dependent antibody response (SRBC) [U/mL]

Sex: Male - Phase: In-life

Dose Group	Animal Number	day 63
G 14 / M 4-5 mg/kg bw/d positive control	1041	1,205
	1042	159
	1043	632
	1044	696
	1045	534
	1046	874
	1047	1,846
	1048	368
	1049	1,210
	1050	1,742

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Study 90R0066/05R034_K

T-cell dependent antibody response (SRBC) [U/mL]

Sex: Female - Phase: In-life

Dose Group	Animal Number	day 63
G 10 / F 0 mg/kg bw/d	1101	24,966
	1102	5,374
	1103	2,338
	1104	36,375
	1105	6,445
	1106	5,316
	1107	31,849
	1108	14,734
	1109	2,216
	1110	6,860

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Study 90R0066/05R034_K

T-cell dependent antibody response (SRBC) [U/mL]

Sex: Female - Phase: In-life

Dose Group	Animal Number	day 63
G 11 / F 20 mg/kg bw/d	1112	3.667
	1113	15.784
	1114	2.873
	1115	18.825
	1116	3.031
	1117	10.198
	1118	6.360
	1119	6.860
	1120	6.552

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Study 90R0066/05R034_K

T-cell dependent antibody response (SRBC) [U/mL]

Sex: Female - Phase: In-life

Dose Group	Animal Number	day 63
G 12 / F 60 mg/kg bw/d	1121	3,726
	1122	2,375
	1123	7,062
	1124	24,445
	1125	6,211
	1126	3,018
	1127	4,097
	1128	26,299
	1129	4,841
	1130	13,902

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Study 90R0066/05R034_K

T-cell dependent antibody response (SRBC) [U/mL]

Sex: Female - Phase: In-life

Dose Group	Animal Number	day 63
G 13 / F 180 mg/kg bw/d	1131	20,447
	1132	17,287
	1133	5,508
	1134	10,560
	1135	6,372
	1136	41,305
	1137	24,818
	1138	7,339
	1139	7,765
	1140	4,151

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Study 90R0066/05R034_K

T-cell dependent antibody response (SRBC) [U/mL]

Sex: Female - Phase: In-life

Dose Group	Animal Number	day 63
G 14 / F 4.5 mg/kg bw/d positive control	1141	1,106
	1142	1,895
	1143	657
	1144	2,873
	1145	1,292
	1146	159
	1147	1,389
	1148	1,101
	1149	2,142
	1150	2,844

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Study 90R0066/05R034_K

Lymphocyte subpopulations in spleen

Sex: Male - Phase: In-life

Dose Group	Animal Number	B_SPL [%]		T_SPL [%]		B/T_SPL [---]		CD4_SPL [%]		CD8_SPL [%]		CD4/CD8_SPL [---]		NK_SPL [%]		BA_SPL [Mio/g]		TA_SPL [Mio/g]		CD4A_SPL [Mio/g]		CD8A_SPL [Mio/g]		NKA_SPL [Mio/g]	
		day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90
G 10 / M 0 mg/kg bw/d	0201	44.72	30.12	1.48	56.35	31.42	1.79	10.08	21.6	14.5	8.2	4.6	4.9	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	0202	43.97	38.90	1.13	38.42	52.50	0.73	4.34	16.6	14.7	5.6	7.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
	0203	36.41	44.37	0.82	46.69	46.01	1.01	7.14	16.7	20.3	9.5	9.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	
	0204	31.04	47.44	0.65	47.48	44.40	1.07	5.47	15.2	23.2	11.0	10.3	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	
	0205	36.42	49.52	0.74	42.92	50.41	0.85	5.54	28.1	38.3	16.4	19.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	
	0206	40.57	43.69	0.93	35.84	51.98	0.69	5.38	23.6	25.5	9.1	13.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	
	0207	43.44	44.01	0.99	38.27	49.57	0.77	3.95	18.0	18.2	7.0	9.0	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
	0208	37.31	47.11	0.79	41.33	47.55	0.87	8.22	22.3	28.1	11.6	13.4	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	
	0209	46.13	41.37	1.12	33.71	55.01	0.61	5.66	27.0	24.2	8.2	13.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	
	0210	39.82	46.02	0.87	28.33	59.02	0.48	5.46	24.5	28.4	8.0	16.7	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	

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Study 90R0066/05R034_K

Lymphocyte subpopulations in spleen

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	B_SPL [%]		T_SPL [%]		B/T_SPL [---]		CD4_SPL [%]		CD8_SPL [%]		CD4/CD8_SPL [---]		NK_SPL [%]		BA_SPL [Mio/g]		TA_SPL [Mio/g]		CD4A_SPL [Mio/g]		CD8A_SPL [Mio/g]		NKA_SPL [Mio/g]	
		day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90
G 11 / M 20 mg/kg bw/d	0221	57.21	28.12	2.03	44.72	43.73	1.02	5.41	17.1	8.4	3.8	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	0222	30.49	47.38	0.64	45.06	46.89	0.96	10.78	20.5	31.9	14.4	19.9	7.3	4.1	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	0223	38.65	45.59	0.85	33.19	59.13	0.56	5.61	28.4	33.5	11.1	19.8	4.1	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	0224	41.21	35.78	1.15	45.44	43.21	1.05	8.08	11.6	10.1	4.6	4.4	2.3	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	0225	43.58	42.49	1.03	36.03	55.89	0.64	3.75	18.3	17.8	6.4	9.9	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	0226	33.01	56.61	0.58	46.89	46.33	1.01	3.37	21.6	37.1	17.4	17.2	2.2	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	0227	38.88	50.59	0.77	43.86	46.43	0.94	4.74	14.8	19.2	8.4	8.9	1.8	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	0228	41.65	46.77	0.89	48.13	43.16	1.12	4.54	26.7	30.0	14.4	12.9	2.9	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	0229	41.82	49.15	0.85	41.33	50.21	0.82	4.09	17.6	20.6	8.5	10.4	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	0230	39.87	49.98	0.80	41.39	50.25	0.82	4.22	19.6	24.6	10.2	12.4	2.1	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6

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Study 90R0066/05R034_K

Lymphocyte subpopulations in spleen

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	B_SPL [%]		T_SPL [%]		B/T_SPL [---]		CD4_SPL [%]		CD8_SPL [%]		CD4/CD8_SPL [---]		NK_SPL [%]		BA_SPL [Mio/g]		TA_SPL [Mio/g]		CD4A_SPL [Mio/g]		CD8A_SPL [Mio/g]		NKA_SPL [Mio/g]	
		day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90
G 12 / M 60 mg/kg bw/d	0241	47.13	40.53	1.16	42.68	49.70	0.86	3.94	20.0	17.2	7.3	8.5	1.7												
	0242	39.55	42.52	0.93	45.92	41.63	1.10	7.82	26.3	28.2	13.0	11.8	5.2												
	0243	40.92	38.84	1.05	46.55	45.13	1.03	7.27	15.6	14.8	6.9	6.7	2.8												
	0244	38.00	31.64	1.20	44.81	42.63	1.05	8.72	23.8	19.8	8.9	8.4	5.5												
	0245	38.02	46.40	0.82	40.24	52.12	0.77	6.49	20.7	25.3	10.2	13.2	3.5												
	0246	39.62	49.57	0.80	51.89	41.25	1.26	5.64	34.2	42.7	22.2	17.6	4.9												
	0247	38.88	48.70	0.80	43.61	45.87	0.95	4.26	18.6	23.2	10.1	10.7	2.0												
	0248	35.42	55.77	0.64	37.50	54.45	0.69	3.85	20.1	31.6	11.8	17.2	2.2												
	0249	42.34	47.04	0.90	28.84	59.04	0.49	3.10	27.2	30.2	8.7	17.8	2.0												
	0250	48.95	41.05	1.19	38.72	49.08	0.79	5.34	18.0	15.1	5.8	7.4	2.0												

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Study 90R0066/05R034_K

Lymphocyte subpopulations in spleen

Sex: Male - Phase: In-life

Dose Group	Animal Number	B_SPL		T_SPL		B/T_SPL		CD4_SPL		CD8_SPL		CD4/CD8_SPL		NK_SPL		BA_SPL		TA_SPL		CD4A_SPL		CD8A_SPL		NKA_SPL	
		[%]		[%]		[---]		[%]		[%]		[---]		[%]		[Micro/g]		[Micro/g]		[Micro/g]		[Micro/g]		[Micro/g]	
		day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90
G 13 / M 180 mg/kg bw/d	0261	38.03	44.90	0.85	44.52	48.67	0.91	6.57	16.8	19.8	8.8	9.6	2.9												
	0262	37.63	43.53	0.86	45.04	47.29	0.95	8.88	19.0	22.0	9.9	10.4	4.5												
	0263	41.60	36.28	1.15	39.50	53.75	0.73	5.07	23.0	20.1	7.9	10.8	2.8												
	0264	36.93	43.25	0.85	44.13	48.29	0.91	7.93	28.0	32.8	14.5	15.9	6.0												
	0265	36.16	46.07	0.78	48.30	42.63	1.13	7.36	21.3	27.1	13.1	11.6	4.3												
	0266	36.53	55.69	0.66	28.57	60.26	0.47	2.87	14.4	21.9	6.3	13.2	1.1												
	0267	34.03	58.15	0.59	48.35	42.62	1.13	3.79	13.7	23.4	11.3	10.0	1.5												
	0268	45.88	37.75	1.22	48.29	38.70	1.25	6.97	15.2	12.5	6.0	4.8	2.3												
	0269	35.10	49.60	0.71	39.75	49.77	0.80	8.06	13.2	18.6	7.4	9.3	3.0												
	0270	37.79	54.13	0.70	52.32	40.00	1.31	4.34	14.3	20.4	10.7	8.2	1.6												

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Study 90R0066/05R034_K

Lymphocyte subpopulations in spleen

Sex: Female - Phase: In-life

Dose Group	Animal Number	B_SPL [%]		T_SPL [%]		B/T_SPL [---]		CD4_SPL [%]		CD8_SPL [%]		CD4/CD8_SPL [---]		NK_SPL [%]		BA_SPL [Mio/g]		TA_SPL [Mio/g]		CD4A_SPL [Mio/g]		CD8A_SPL [Mio/g]		NKA_SPL [Mio/g]	
		day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90
G 10 / F 0 mg/kg bw/d	0301	40.17	45.66	0.88	35.86	54.12	0.66	4.91	15.2	17.2	39.0	13.1	23.6	2.5	1.9	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	0302	34.33	56.90	0.60	33.56	60.53	0.55	3.58	23.6	39.0	13.1	23.6	2.5	1.9	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
	0303	40.03	50.87	0.79	50.71	42.59	1.19	2.81	22.5	28.5	14.5	12.2	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
	0304	39.49	50.33	0.78	34.03	60.90	0.56	3.86	28.6	36.5	12.4	22.2	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	
	0305	35.69	49.84	0.72	53.16	41.06	1.29	5.98	14.6	20.4	10.9	8.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
	0306	38.39	51.25	0.75	42.23	49.08	0.86	5.30	26.3	35.1	14.8	17.2	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	
	0307	33.56	59.32	0.57	47.39	46.99	1.01	3.63	25.9	45.8	21.7	21.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	
	0308	23.99	69.14	0.35	50.19	44.41	1.13	4.39	13.2	37.9	19.0	16.8	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	
	0309	32.75	56.32	0.58	51.01	32.04	1.59	6.05	17.5	30.1	15.4	9.6	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	
	0310	39.30	52.00	0.76	37.10	53.34	0.70	3.03	23.4	31.0	11.5	16.5	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	

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Study 90R0066/05R034_K

Lymphocyte subpopulations in spleen

Sex: Female - Phase: In-life

Dose Group	Animal Number	B_SPL		T_SPL		B/T_SPL		CD4_SPL		CD8_SPL		CD4/CD8_SPL		NK_SPL		BA_SPL		TA_SPL		CD4A_SPL		CD8A_SPL		NKA_SPL	
		day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]
G 11 / F 20 mg/kg bw/d	0321	40.80	43.81	0.93	27.03	63.67	0.42	6.63	23.0	24.7	6.7	15.7	3.7												
	0322	28.84	57.67	0.50	45.38	47.46	0.96	7.25	10.6	21.1	9.6	10.0	2.7												
	0323	30.72	49.18	0.62	38.30	55.86	0.69	4.42	20.7	33.2	12.7	18.5	3.0												
	0324	38.23	49.86	0.77	41.41	50.81	0.81	3.93	25.9	33.8	14.0	17.2	2.7												
	0325	39.00	48.71	0.80	57.98	37.00	1.57	5.48	18.7	23.4	13.6	8.7	2.6												
	0326	37.76	51.77	0.73	42.30	49.56	0.85	5.06	24.7	33.8	14.3	16.8	3.3												
	0327	30.98	60.56	0.51	43.92	49.88	0.88	4.99	16.9	33.1	14.5	16.5	2.7												
	0328	35.03	54.60	0.64	45.10	41.74	1.08	4.56	12.7	19.8	8.9	8.3	1.7												
	0329	42.30	52.26	0.81	46.19	47.90	0.96	2.29	21.1	26.0	12.0	12.5	1.1												
	0330	46.34	42.26	1.10	45.30	43.11	1.05	5.27	27.9	25.4	11.5	11.0	3.2												

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Study 90R0066/05R034_K

Lymphocyte subpopulations in spleen

Sex: Female - Phase: In-life

Dose Group	Animal Number	B_SPL		T_SPL		B/T_SPL		CD4_SPL		CD8_SPL		CD4/CD8_SPL		NK_SPL		BA_SPL		TA_SPL		CD4A_SPL		CD8A_SPL		NKA_SPL	
		day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]	day 90	[%]
G 12 / F 60 mg/kg bw/d	0341	38.81	54.62	0.71	43.24	49.45	0.87	3.00	20.8	29.2	12.6	14.5	1.6												
	0342	34.20	51.92	0.66	44.70	48.64	0.92	7.52	20.9	31.8	14.2	15.5	4.6												
	0343	41.02	48.54	0.85	42.04	52.48	0.80	5.42	22.2	26.2	11.0	13.8	2.9												
	0344	50.50	38.38	1.32	47.65	43.75	1.09	2.63	36.4	27.7	13.2	12.1	1.9												
	0345	36.82	51.44	0.72	30.86	63.16	0.49	5.90	14.1	19.6	6.1	12.4	2.3												
	0346	39.33	45.63	0.86	43.02	49.18	0.87	8.88	32.3	37.4	16.1	18.4	7.3												
	0347	41.57	49.73	0.84	45.85	47.02	0.98	4.28	21.5	25.8	11.8	12.1	2.2												
	0348	27.74	66.31	0.42	51.70	42.96	1.20	2.73	13.7	32.8	16.9	14.1	1.3												
	0349	29.98	62.68	0.48	39.52	52.69	0.75	4.81	14.5	30.3	12.0	15.9	2.3												
	0350	41.56	49.20	0.84	44.19	46.28	0.95	5.73	16.5	19.5	8.6	9.0	2.3												

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Study 90R0066/05R034_K

Lymphocyte subpopulations in spleen

Sex: Female - Phase: In-life

Dose Group	Animal Number	B_SPL [%]		T_SPL [%]		B/T_SPL [---]		CD4_SPL [%]		CD8_SPL [%]		CD4/CD8_SPL [---]		NK_SPL [%]		BA_SPL [Mio/g]		TA_SPL [Mio/g]		CD4A_SPL [Mio/g]		CD8A_SPL [Mio/g]		NKA_SPL [Mio/g]		
		day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	day 90	
G 13 / F 180 mg/kg bw/d	0361	31.70	52.16	0.61	39.46	48.87	0.81	7.62	16.1	26.5	10.4	12.9	3.9													
	0363	37.08	49.85	0.74	37.30	55.94	0.67	4.72	18.6	25.0	9.3	14.0	2.4													
	0364	39.50	44.67	0.88	34.56	59.64	0.58	6.42	28.2	31.9	11.0	19.0	4.6													
	0365	33.31	52.82	0.63	39.11	52.13	0.75	5.35	11.4	18.1	7.1	9.4	1.8													
	0366	44.90	44.15	1.02	39.39	55.16	0.71	3.53	22.3	21.9	8.6	12.1	1.8													
	0367	39.22	52.37	0.75	47.28	44.71	1.06	4.07	22.9	30.6	14.5	13.7	2.4													
	0368	36.86	51.45	0.72	40.85	51.86	0.79	7.65	14.3	20.0	8.2	10.4	3.0													
	0369	35.23	54.66	0.64	38.93	52.73	0.74	4.97	15.2	23.6	9.2	12.5	2.1													
	0370	34.75	55.52	0.63	42.03	48.44	0.87	4.94	19.9	31.8	13.3	15.4	2.8													
	0371	30.62	57.15	0.54	33.65	57.23	0.59	8.00	14.5	27.1	9.1	15.5	3.8													

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Study 90R0066/05R034_K

Urinalysis

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	PH		PRO		GLU		KET		UBG		BIL		BLOOD		VOL		COL		TURB		SP.GR. C	
		week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12
G 10 / M 0 mg/kg bw/d	0201	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	10.2	Y	Y	Y	C	C	1.037	
	0202	7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	10.9	Y	Y	Y	C	C	1.028	
	0203	6.5	0	0	0	0	0	1	0	0	0	0	0	0	0	5.2	Y	Y	Y	C	C	1.039	
	0204	7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.0	Y	Y	Y	C	C	1.028	
	0205	7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.6	Y	Y	Y	C	C	1.032	
	0206	7.0	0	0	0	0	0	1	0	0	0	0	0	0	0	9.5	Y	Y	Y	C	C	1.031	
	0207	7.0	0	0	0	0	0	0	0	0	0	0	0	1	0	7.6	Y	Y	Y	C	C	1.036	
	0208	6.5	1	0	0	0	0	2	0	0	0	0	0	1	0	3.0	Y	Y	Y	C	C	1.076	
	0209	7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	8.0	Y	Y	Y	C	C	1.039	
	0210	7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	8.5	Y	Y	Y	C	C	1.036	

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Study 90R0066/05R034_K

Urinalysis

Sex: Male - Phase: In-life

Dose Group	Animal Number	PH [---] week 12	PRO [---] week 12	GLU [---] week 12	KET [---] week 12	UBG [---] week 12	BIL [---] week 12	BLOOD [---] week 12	VOL [ml] week 12	COL [---] week 12	TURB [---] week 12	SP.GR. C [g/L] week 12
G 11 / M 20 mg/kg bw/d	0221	6.5	0	0	0	0	0	0	7.9	Y	C	1,039
	0222	7.0	0	0	1	0	0	0	6.1	Y	C	1,036
	0223	6.5	0	0	1	0	0	0	8.5	Y	C	1,031
	0224	7.0	0	0	0	0	0	0	11.0	Y	C	1,029
	0225	7.0	0	0	1	0	0	0	6.2	Y	C	1,035
	0226	7.0	0	0	1	0	0	0	8.2	Y	C	1,036
	0227	6.5	0	0	0	1	0	0	5.2	Y	C	1,045
	0228	7.0	0	0	0	0	0	0	14.0	Y	C	1,029
	0229	6.5	0	0	1	0	0	1	6.1	Y	C	1,037
	0230	7.0	0	0	0	0	1	1	7.6	Y	C	1,041

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Study 90R0066/05R034_K

Urinalysis

Sex: Male - Phase: In-life

Dose Group	Animal Number	PH		PRO		GLU		KET		UBG		BIL		BLOOD		VOL		COL		TURB		SP.GR. C	
		week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12
G 12 / M 60 mg/kg bw/d	0241	7.0	0	0	0	0	0	1	0	0	0	0	0	0	0	8.5	Y	Y	Y	C	C	1,037	
	0242	6.5	1	1	0	0	0	1	0	0	0	0	0	0	0	5.4	Y	Y	Y	C	C	1,045	
	0243	7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	10.5	Y	Y	Y	C	C	1,031	
	0244	7.0	1	1	0	0	0	1	0	0	0	0	0	1	1	10.9	Y	Y	Y	C	C	1,033	
	0245	6.5	0	0	0	0	0	1	0	0	0	1	0	1	1	5.5	Y	Y	Y	C	C	1,041	
	0246	7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.0	Y	Y	Y	C	C	1,040	
	0247	6.5	0	0	0	0	0	1	0	0	0	1	0	0	0	10.5	Y	Y	Y	C	C	1,035	
	0248	7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	13.0	Y	Y	Y	C	C	1,031	
	0249	6.5	1	1	0	0	0	1	0	0	0	0	0	0	0	4.0	Y	Y	Y	C	C	1,070	
	0250	6.5	0	0	0	0	0	1	0	0	0	0	0	0	0	6.4	Y	Y	Y	C	C	1,043	

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Urinalysis

Sex: Male - Phase: In-life

Dose Group	Animal Number	PH		PRO		GLU		KET		UBG		BIL		BLOOD		VOL		COL		TURB		SP.GR. C	
		week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12
G 13 / M 180 mg/kg bw/d	0261	6.5	0	0	0	0	0	1	1	0	0	0	0	1	1	7.0	Y	Y	Y	C	C	1,040	1,049
	0262	6.0	0	0	0	0	0	1	1	0	0	0	0	0	0	4.6	Y	Y	Y	C	C	1,027	1,027
	0263	7.0	0	0	0	0	0	1	1	0	0	0	0	0	0	13.2	Y	Y	Y	C	C	1,046	1,046
	0264	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	5.4	Y	Y	Y	C	C	1,044	1,044
	0265	6.0	0	0	0	0	0	1	1	0	0	0	0	0	0	6.5	Y	Y	Y	C	C	1,070	1,070
	0266	6.5	1	1	1	1	1	1	1	0	0	0	0	0	0	3.5	Y	Y	Y	C	C	1,034	1,034
	0267	6.5	0	0	0	0	0	1	1	0	0	0	0	0	0	9.5	Y	Y	Y	C	C	1,027	1,027
	0268	7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	16.0	Y	Y	Y	C	C	1,037	1,037
	0269	6.5	0	0	0	0	0	1	1	0	0	0	0	0	0	7.5	Y	Y	Y	C	C	1,036	1,036
	0270	7.0	0	0	0	0	0	1	1	0	0	0	0	0	0	7.1	Y	Y	Y	C	C	1,036	1,036

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Urinalysis

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	CRYST		RENAL EC		TRANSEC		SQUAM EC		CASTS		ERY		LEUCO	
		week 12	Remark	week 12	Remark	week 12	Remark	week 12	Remark	week 12	Remark	week 12	Remark	week 12	Remark
G 10 / M 0 mg/kg bw/d	0201	1	1P	0		0		0		0		0		0	
	0202	3	3P	0		0		0		0		0		0	
	0203	1	1P	0		0		1		0		0		0	
	0204	2	2P	0		0		0		0		0		0	
	0205	2	2P	0		1	e	0		0		0		0	
	0206	2	2P	0		1	e	0		0		1		0	
	0207	3	3P	0		0		0		0		0		0	
	0208	3	3P	0		0		1		0		0		0	
	0209	3	3P	0		0		0		0		0		0	
	0210	3	3P	0		0		0		0		0		0	

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Urinalysis

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	CRYST [---] week 12	CRYST Remark week 12	RENAL EC [---] week 12	TRANSEC [---] week 12	TRANSEC Remark week 12	SQUAM EC [---] week 12	CASTS [---] week 12	CASTS Remark week 12	ERY [---] week 12	LEUCO [---] week 12
G 11 / M 20 mg/kg bw/d	0221	3	3P	0	1		0	0		0	0
	0222	3	3P	0	0		0	0		0	0
	0223	3	3P	0	1	e	1	0		0	0
	0224	0		0	0		0	0		0	0
	0225	3	3P	0	2	e	0	1	GCE	0	0
	0226	2	2P	0	0		1	0		1	0
	0227	3	3P	0	0		1	0		0	0
	0228	3	3P	0	0		0	0		0	0
	0229	2	2P	0	0		1	0		0	0
	0230	3	3P	0	0		1	0		0	0

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Urinalysis

Sex: Male - Phase: In-life

Dose Group	Animal Number	CRYST		RENAL EC		TRANSEC		SQUAM EC		CASTS		ERY		LEUCO	
		week 12	Remark	week 12	Remark	week 12	Remark	week 12	Remark	week 12	Remark	week 12	Remark	week 12	Remark
G 12 / M 60 mg/kg bw/d	0241	3	3P	0		0		0		0		0		0	
	0242	3	3P	0		0		1		0		0		0	
	0243	3	3P	0		1	e	0		0		0		0	
	0244	2	2P	0		2	e	1		1	GCE	1		0	
	0245	2	2P	0		0		0		0		0		0	
	0246	3	3P	0		0		1		0		0		0	
	0247	3	3P	0		0		1		0		0		0	
	0248	3	3P	0		0		0		0		0		0	
	0249	3	3P	0		0		1		0		1		0	
	0250	3	3P	0		0		1		0		0		0	

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Urinalysis

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	CRYST		RENAL EC		TRANSEC		TRANSEC		SQUAM EC		CASTS		CASTS		ERY		LEUCO	
		week 12	Remark	week 12	Remark	week 12	Remark	week 12	Remark	week 12	Remark	week 12	Remark	week 12	Remark	week 12	Remark	week 12	Remark
G 13 / M 180 mg/kg bw/d	0261	3	3P	0		0		0		1		0		0		0		0	
	0262	2	2P	0		1		1		1		0		0		1		0	
	0263	3	3P	0		0		0		0		0		0		0		0	
	0264	3	3P	0		0		0		1		0		0		0		0	
	0265	3	3P	0		0		0		0		0		0		1		0	
	0266	3	3P	0		0		0		0		0		0		0		0	
	0267	3	3P	0		0		0		0		0		0		0		0	
	0268	3	3P	0		0		0		1		0		0		0		0	
	0269	0		0		0		0		0		0		0		0		0	
	0270	3	3P	0		0		0		0		0		0		0		0	

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Study 90R0066/05R034_K

Urinalysis

Sex: Female - Phase: In-life

Dose Group	Animal Number	PH		PRO		GLU		KET		UBG		BIL		BLOOD		VOL		COL		TURB		SP.GR. C	
		week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12
G 10 / F 0 mg/kg bw/d	0301	6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.1	Y	Y	Y	Y	Y	1,035	1,072
	0302	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	2.9	Y	Y	Y	Y	Y	1,046	1,046
	0303	6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.1	Y	Y	Y	Y	Y	1,039	1,039
	0304	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	6.0	Y	Y	Y	Y	Y	1,060	1,060
	0305	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	3.5	Y	Y	Y	Y	Y	1,078	1,078
	0306	6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.1	Y	Y	Y	Y	Y	1,058	1,058
	0307	7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.0	Y	Y	Y	Y	Y	1,040	1,040
	0308	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	4.5	Y	Y	Y	Y	Y	1,058	1,058
	0309	6.5	1	0	0	0	0	0	0	0	0	0	0	0	0	4.0	Y	Y	Y	Y	Y	1,043	1,043
	0310	6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.2	Y	Y	Y	Y	Y	1,043	1,043

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Urinalysis

Sex: Female - Phase: In-life

Dose Group	Animal Number	PH		PRO		GLU		KET		UBG		BIL		BLOOD		VOL		COL		TURB		SP.GR. C	
		week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12
G 11 / F 20 mg/kg bw/d	0321	6.0	0	0	0	0	0	1	0	0	0	0	0	1	0	2.8	0	Y	0	0	0	1,078	0
	0322	6.0	1	0	0	0	0	1	0	0	0	0	0	0	0	1.8	0	Y	0	0	0	1,088	0
	0323	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	4.6	0	Y	0	0	0	1,038	0
	0324	6.5	0	0	0	0	0	1	0	0	0	0	0	0	0	3.0	0	Y	0	0	0	1,046	0
	0325	6.0	1	0	0	0	0	0	0	0	0	0	0	0	0	2.5	0	Y	0	0	0	1,090	0
	0326	6.0	1	0	0	0	0	1	0	0	0	0	0	2	0	3.0	0	Y	0	0	0	1,070	0
	0327	6.0	0	0	0	0	0	0	0	0	0	1	0	0	0	4.0	0	Y	0	0	0	1,045	0
	0328	6.0	0	0	0	0	0	1	0	0	0	0	0	0	0	4.0	0	Y	0	0	0	1,048	0
	0329	6.0	1	0	0	0	0	1	0	0	0	1	0	1	0	3.6	0	Y	0	0	0	1,064	0
	0330	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	6.5	0	Y	0	0	0	1,033	0

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Study 90R0066/05R034_K

Urinalysis

Sex: Female - Phase: In-life

Dose Group	Animal Number	PH		PRO		GLU		KET		UBG		BIL		BLOOD		VOL		COL		TURB		SP.GR. C	
		week 12	---	week 12	---	week 12	---	week 12	---	week 12	---	week 12	---	week 12	---	week 12	[ml]	week 12	---	week 12	---	week 12	[g/L]
G 12 / F 60 mg/kg bw/d	0341	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	5.6	Y	Y	Y	Y	Y	1,036	
	0342	6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.0	Y	Y	Y	Y	Y	1,041	
	0343	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	4.2	Y	Y	Y	Y	Y	1,044	
	0344	6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	8.4	Y	Y	Y	Y	Y	1,031	
	0345	6.0	1	0	0	0	0	1	0	0	0	1	0	0	0	1.5	Y	Y	Y	Y	Y	1,088	
	0346	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	8.5	Y	Y	Y	Y	Y	1,029	
	0347	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	9.1	Y	Y	Y	Y	Y	1,026	
	0348	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	7.5	Y	Y	Y	Y	Y	1,029	
	0349	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	3.6	Y	Y	Y	Y	Y	1,042	
	0350	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	3.0	Y	Y	Y	Y	Y	1,050	

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Study 90R0066/05R034_K

Urinalysis

Sex: Female - Phase: In-life

Dose Group	Animal Number	PH		PRO		GLU		KET		UBG		BIL		BLOOD		VOL		COL		TURB		SP.GR. C	
		week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12	week 12
G 13 / F 180 mg/kg bw/d	0361	6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.5	Y	Y	Y	Y	Y	1.037	1.037
	0363	6.5	0	0	0	0	0	1	0	0	0	0	0	0	0	5.2	Y	Y	Y	Y	Y	1.037	1.037
	0364	6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.0	Y	Y	Y	Y	Y	1.037	1.037
	0365	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	7.6	Y	Y	Y	Y	Y	1.031	1.031
	0366	6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.5	Y	Y	Y	Y	Y	1.042	1.042
	0367	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	5.4	Y	Y	Y	Y	Y	1.041	1.041
	0368	7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	8.4	Y	Y	Y	Y	Y	1.029	1.029
	0369	7.0	0	0	0	0	0	0	0	0	0	1	0	0	0	4.0	Y	Y	Y	Y	Y	1.042	1.042
	0370	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	6.6	Y	Y	Y	Y	Y	1.033	1.033
	0371	6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.5	Y	Y	Y	Y	Y	1.044	1.044

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Study 90R0066/05R034_K

Urinalysis

Sex: Female - Phase: In-life

Dose Group	Animal Number	CRYST [---] week 12	CRYST Remark week 12	RENAL EC [---] week 12	TRANS EC [---] week 12	TRANS EC Remark week 12	SQUAM EC [---] week 12	CASTS [---] week 12	ERY [---] week 12	LEUCO [---] week 12
G 10 / F 0 mg/kg bw/d	0301	1	1P	0	0		0	0	0	1
	0302	2	2P	0	0		0	0	0	1
	0303	2	2P	0	0		0	0	0	0
	0304	3	3P	0	0		0	0	1	0
	0305	3	3P	0	0		0	0	0	2
	0306	2	2P	0	1		1	0	2	1
	0307	3	3P	0	0		0	0	0	0
	0308	3	3P	0	0		0	0	0	0
	0309	3	3P	0	1	e	1	0	1	0
	0310	2	2P	0	0		0	0	0	0

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Study 90R0066/05R034_K

Urinalysis

Sex: Female - Phase: In-life

Dose Group	Animal Number	CRYST [---] week 12	CRYST Remark week 12	RENAL EC [---] week 12	TRANS EC [---] week 12	TRANS EC Remark week 12	SQUAM EC [---] week 12	CASTS [---] week 12	ERY [---] week 12	LEUCO [---] week 12
G 11 / F 20 mg/kg bw/d	0321	1	1P	0	0		0	0	0	3
	0322	1	1P	0	1		0	0	0	0
	0323	2	2P	0	0		1	0	1	0
	0324	1	1P	0	0		1	0	0	0
	0325	2	2P	0	0		0	0	0	0
	0326	3	3P	0	0		0	0	0	0
	0327	3	3P	0	0		0	0	0	0
	0328	0		0	0		0	0	0	0
	0329	1	1P	0	0		1	0	1	0
	0330	2	2P	0	0		0	0	0	2

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Study 90R0066/05R034_K

Urinalysis

Sex: Female - Phase: In-life

Dose Group	Animal Number	CRYST [---] week 12	CRYST Remark week 12	RENAL EC [---] week 12	TRANS EC [---] week 12	TRANS EC Remark week 12	SQUAM EC [---] week 12	CASTS [---] week 12	ERY [---] week 12	LEUCO [---] week 12
G 12 / F 60 mg/kg bw/d	0341	2	2P	0	0		0	0	0	0
	0342	0		0	1	e	1	0	1	1
	0343	2	2P	0	0		0	0	0	0
	0344	0		0	1		0	0	0	1
	0345	1	1P	0	0		0	0	0	0
	0346	1	1P	0	0		0	0	0	0
	0347	0		0	1		0	0	0	0
	0348	1	1P	0	0		0	0	0	0
	0349	3	3P	0	1		0	0	1	1
	0350	2	2P	0	0		0	0	0	2

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Study 90R0066/05R034_K

Urinalysis

Sex: Female - Phase: In-life

Dose Group	Animal Number	CRYST [---] week 12	CRYST Remark week 12	RENAL EC [---] week 12	TRANS EC [---] week 12	TRANS EC Remark week 12	SQUAM EC [---] week 12	CASTS [---] week 12	ERY [---] week 12	LEUCO [---] week 12
G 13 / F 180 mg/kg bw/d	0361	1	1P	0	1	e	1	0	2	1
	0363	3	3P	0	0		0	0	0	0
	0364	0		0	0		0	0	0	1
	0365	2	2P	1	1		1	0	0	1
	0366	0		0	1		0	0	0	1
	0367	3	3P	0	1	e	1	0	1	1
	0368	3	3P	0	0		0	0	0	0
	0369	2	2P	0	0		1	0	0	1
	0370	3	3P	0	0		1	0	0	0
	0371	0		0	1	e	0	0	1	1

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Study 90R0066/05R034_K

Spermanalysis

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	MOTILE C [%] day 90	TS/gT [Mio/g] day 90	TS/gC [Mio/g] day 90	ABNORMAL C [%] day 90
G 10 / M 0 mg/kg bw/d	0201	93	108	628	5.0
	0202	86	128	817	2.5
	0203	91	112	754	2.0
	0204	82	107	920	4.0
	0205	48	94	690	6.0
	0206	70	94	731	4.5
	0207	86	88	1,054	3.0
	0208	88	120	931	3.5
	0209	82	95	912	4.0
	0210	86	98	742	6.5
	0211	96	105	1,041	4.0
	0212	82	96	790	4.0
	0213	82	98	867	3.0
	0214	76	122	981	5.0
	0215	83	110	1,046	5.5
	0216	90	102	464	1.5
	0217	87	108	692	4.0
	0218	86	111	698	4.5
	0219	90	111	515	3.0
	0220	91	103	619	3.5

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Study 90R0066/05R034_K

Spermanalysis

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	MOTILE C [%] day 90	TS/gT [Mio/g] day 90	TS/gC [Mio/g] day 90	ABNORMAL C [%] day 90
G 11 / M 20 mg/kg bw/d	0221	82			
	0222	73			
	0223	83			
	0224	88			
	0225	85			
	0226	91			
	0227	90			
	0228	89			
	0229	90			
	0230	90			
	0231	77			
	0232	69			
	0233	66			
	0234	83			
	0235	70			
	0236	85			
	0237	88			
	0238	79			
	0239	95			
	0240	85			

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Study 90R0066/05R034_K

Spermanalysis

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	MOTILE C [%] day 90	TS/gT [Mio/g] day 90	TS/gC [Mio/g] day 90	ABNORMAL C [%] day 90
G 12 / M 60 mg/kg bw/d	0241	88			
	0242	84			
	0243	88			
	0244	87			
	0245	85			
	0246	80			
	0247	86			
	0248	91			
	0249	86			
	0250	81			
	0251	73			
	0252	95			
	0253	75			
	0254	80			
	0255	65			
	0256	82			
	0257	92			
	0258	90			
	0259	85			
	0260	93			

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Spermanalysis

Sex: **Male** - Phase: **In-life**

Dose Group	Animal Number	MOTILE C		TS/gT		TS/gC		ABNORMAL C
		[%] day 90	[%] day 90	[Mio/g] day 90	[Mio/g] day 90	[Mio/g] day 90	[%] day 90	
G 13 / M 180 mg/kg bw/d	0261	90	101			912		3.0
	0262	82	107			525		3.0
	0263	73	100			789		3.5
	0264	71	98			596		2.0
	0265	88	119			679		5.5
	0266	80	78			932		5.5
	0267	85	92			945		4.0
	0268	86	98			1,189		3.5
	0269	86	82			935		7.5
	0270	93	102			922		9.5
	0271	80	121			982		4.5
	0272	90	111			1,016		4.0
	0273	70	129			907		5.0
	0274	75	101			1,139		5.0
	0275	71	104			1,240		7.5
	0276	93	129			868		5.0
	0277	91	117			742		5.5
	0278	92	116			487		2.5
	0279	88	129			664		4.5
	0280	80	109			452		2.0

G 13 / M
180 mg/kg bw/d

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PATHOLOGY REPORT

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90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

06.Feb.2019 HAMA

ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	M					
Group	00					
	Term. body weight g	Adrenal glands mg	Brain g	Cauda epididymis g	Epididy- mides g	Heart g
M	521.575	54.0	2.293	0.548	1.304	1.667
SD	53.787	7.126	0.108	0.051	0.081	0.195
n	24	24	24	24	24	24
1	501.3	44.0	2.24	0.54	1.26	1.67
2	549.6	55.0	2.19	0.55	1.25	1.71
3	489.3	50.0	2.22	0.59	1.38	1.56
4	551.4	63.0	2.3	0.55	1.3	1.98
5	618.1	56.0	2.43	0.45	1.23	1.82
6	543.3	51.0	2.62	0.59	1.38	2.02
7	578.7	48.0	2.28	0.55	1.3	1.87
8	474.3	48.0	2.41	0.53	1.26	1.67
9	542.6	55.0	2.15	0.48	1.09	1.55
10	460.3	57.0	2.18	0.5	1.26	1.42
11	523.3	59.0	2.3	0.46	1.21	1.62
12	510.3	50.0	2.27	0.52	1.22	1.56
13	522.7	51.0	2.23	0.58	1.34	1.58
14	559.7	56.0	2.43	0.5	1.28	1.72
15	507.5	61.0	2.18	0.63	1.44	1.69
16	462.1	50.0	2.22	0.55	1.37	1.4
17	612.8	69.0	2.38	0.63	1.44	1.98
18	450.2	46.0	2.3	0.52	1.28	1.56
19	458.2	59.0	2.35	0.61	1.37	1.52
20	616.3	70.0	2.35	0.57	1.39	1.85
21	465.0	46.0	2.25	0.59	1.36	1.39
22	580.9	58.0	2.33	0.56	1.31	1.94
23	461.2	45.0	2.16	0.6	1.32	1.53
24	478.7	49.0	2.25	0.49	1.25	1.4

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PATHOLOGY REPORT

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Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	M					
Group	00					
	Kidneys	Liver	Pituitary	Prostate	Seminal	Spleen
	g	g	gland	g	vesicle	g
			mg		g	
M	3.543	12.572	13.542	1.478	1.924	0.776
SD	0.374	1.495	1.865	0.226	0.306	0.097
n	24	24	24	24	24	24
1	3.72	12.3	14.0	1.71	2.23	0.85
2	3.85	12.79	14.0	1.54	2.24	0.82
3	3.42	10.72	13.0	1.67	2.01	0.71
4	3.47	13.87	15.0	1.31	1.66	0.88
5	3.87	13.83	15.0	1.44	2.14	0.69
6	3.98	11.89	14.0	2.04	2.58	0.74
7	3.63	12.31	18.0	1.3	2.2	0.9
8	3.37	12.14	14.0	1.48	1.87	0.71
9	3.69	13.43	14.0	1.32	1.86	0.7
10	3.07	11.58	12.0	1.42	1.47	0.52
11	3.52	12.14	10.0	1.34	1.66	0.85
12	3.35	12.64	16.0	1.48	1.64	0.85
13	3.25	11.97	12.0	1.4	2.03	0.83
14	4.08	13.63	15.0	1.76	2.5	0.71
15	3.76	14.55	13.0	1.93	2.1	0.82
16	3.42	10.93	12.0	1.54	1.75	0.71
17	4.32	14.09	12.0	1.09	1.88	0.9
18	2.87	10.73	11.0	1.31	1.93	0.82
19	3.55	12.52	16.0	1.48	2.03	0.9
20	4.06	15.54	15.0	1.7	2.07	0.63
21	3.0	9.69	12.0	1.38	1.65	0.71
22	3.58	15.4	14.0	1.29	1.63	0.86
23	3.12	10.88	11.0	1.25	1.37	0.72
24	3.07	12.15	13.0	1.28	1.67	0.79

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Modified extended one-generation reproduction toxicity study
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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex M
Group 00

	Testes g	Thymus mg	Thyroid glands mg
M	3.642	250.167	24.833
SD	0.279	56.891	3.83
n	24	24	24
1	3.51	186.0	29.0
2	3.75	275.0	24.0
3	3.69	211.0	23.0
4	3.61	292.0	27.0
5	3.94	208.0	28.0
6	3.84	235.0	31.0
7	3.58	237.0	22.0
8	3.69	234.0	28.0
9	3.13	309.0	21.0
10	3.2	196.0	30.0
11	3.51	167.0	26.0
12	3.48	387.0	18.0
13	3.33	228.0	21.0
14	3.42	221.0	20.0
15	3.63	299.0	24.0
16	3.64	296.0	23.0
17	4.57	264.0	28.0
18	3.58	246.0	20.0
19	3.55	180.0	24.0
20	3.84	237.0	27.0
21	3.73	181.0	20.0
22	3.68	333.0	28.0
23	3.87	345.0	31.0
24	3.64	237.0	23.0

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PATHOLOGY REPORT

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Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	M					
Group	01					
	Term. body weight	Adrenal glands	Brain	Cauda epididymis	Epididymides	Heart
	g	mg	g	g	g	g
M	514.408	55.958	2.27	0.559	1.328	1.708
SD	71.895	8.196	0.12	0.064	0.099	0.196
n	24	24	24	24	24	24
25	594.6	59.0	2.18	0.59	1.31	1.92
26	625.4	51.0	2.65	0.62	1.42	1.96
27	527.8	58.0	2.41	0.67	1.37	1.79
28	447.0	47.0	2.2	0.46	1.17	1.51
29	455.6	50.0	2.18	0.54	1.3	1.53
30	427.0	55.0	2.14	0.54	1.36	1.58
31	484.0	55.0	2.28	0.63	1.47	1.5
32	556.8	46.0	2.2	0.59	1.32	1.7
33	465.8	74.0	2.35	0.71	1.45	1.68
34	594.0	56.0	2.31	0.46	1.15	1.88
35	483.2	61.0	2.26	0.57	1.4	1.49
36	461.9	67.0	2.31	0.57	1.31	1.6
37	407.1	47.0	2.23	0.59	1.38	1.49
38	566.0	57.0	2.24	0.52	1.41	1.97
39	503.1	64.0	2.39	0.52	1.22	1.89
40	552.4	64.0	2.05	0.53	1.3	1.91
41	584.9	48.0	2.4	0.5	1.19	1.65
42	556.8	64.0	2.25	0.63	1.54	1.87
43	402.8	46.0	2.25	0.55	1.29	1.48
44	523.8	48.0	2.34	0.48	1.2	1.72
45	457.3	45.0	2.2	0.54	1.38	1.6
46	441.9	51.0	2.16	0.55	1.28	1.51
47	558.4	67.0	2.19	0.47	1.26	1.6
48	668.2	63.0	2.31	0.59	1.39	2.17

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PATHOLOGY REPORT

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Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	M					
Group	01					
	Kidneys	Liver	Pituitary	Prostate	Seminal	Spleen
	g	g	gland	g	vesicle	g
			mg		g	
M	3.391	13.298	13.583	1.423	1.788	0.814
SD	0.408	2.571	2.535	0.237	0.261	0.113
n	24	24	24	24	24	24
25	3.45	14.92	15.0	1.77	1.98	0.75
26	4.08	15.87	14.0	1.53	2.15	0.94
27	3.71	12.37	15.0	1.65	1.84	0.9
28	2.82	12.8	14.0	1.23	1.45	0.88
29	3.21	11.85	14.0	1.62	1.83	0.75
30	2.76	12.32	10.0	1.16	1.8	0.72
31	3.26	11.48	17.0	1.45	2.04	0.73
32	3.62	16.37	12.0	1.39	1.82	0.79
33	3.29	10.78	16.0	1.49	2.05	0.86
34	3.39	18.4	18.0	0.87	1.24	0.89
35	3.74	11.22	12.0	1.56	1.72	0.7
36	3.0	11.3	12.0	1.54	1.88	0.7
37	2.69	9.57	9.0	1.23	1.51	0.65
38	3.58	14.57	12.0	1.78	2.16	1.01
39	3.13	13.72	12.0	1.5	1.47	0.7
40	3.71	14.68	15.0	1.07	1.77	0.78
41	3.47	13.6	16.0	1.43	2.09	0.79
42	3.7	15.76	17.0	1.83	2.16	0.93
43	2.91	9.44	10.0	1.23	1.57	0.62
44	3.18	13.46	13.0	1.12	1.38	0.95
45	3.12	11.65	14.0	1.52	1.65	0.75
46	3.45	10.56	10.0	1.47	1.72	0.81
47	3.83	13.13	12.0	1.39	1.65	0.9
48	4.28	19.32	17.0	1.31	1.97	1.03

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex M
Group 01

	Testes g	Thymus mg	Thyroid glands mg
M	3.739	283.375	25.625
SD	0.25	81.089	3.573
n	24	24	24
25	4.0	243.0	29.0
26	4.0	215.0	31.0
27	3.91	251.0	31.0
28	3.42	467.0	23.0
29	3.37	316.0	27.0
30	3.7	247.0	22.0
31	3.6	179.0	32.0
32	3.54	239.0	23.0
33	4.05	161.0	24.0
34	3.6	477.0	19.0
35	3.67	235.0	24.0
36	3.67	319.0	24.0
37	3.75	207.0	24.0
38	4.07	346.0	26.0
39	3.63	343.0	24.0
40	4.11	273.0	27.0
41	3.63	180.0	22.0
42	4.23	233.0	29.0
43	3.97	284.0	19.0
44	3.85	372.0	25.0
45	3.48	276.0	28.0
46	3.4	327.0	30.0
47	3.62	279.0	27.0
48	3.46	332.0	25.0

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PATHOLOGY REPORT

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in Sprague-Dawley Rats, Oral Administration (gavage)

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	M					
Group	02					
	Term. body weight g	Adrenal glands mg	Brain g	Cauda epididymis g	Epididymides g	Heart g
M	521.35	58.75	2.238	0.552	1.3	1.698
SD	40.003	6.648	0.113	0.072	0.122	0.158
n	24	24	24	24	24	24
49	543.0	56.0	2.21	0.49	1.11	1.61
50	496.1	54.0	2.09	0.62	1.43	1.98
51	486.3	62.0	2.27	0.71	1.4	1.84
52	446.7	53.0	2.1	0.5	1.17	1.5
53	502.5	49.0	2.3	0.46	1.19	1.61
54	519.0	61.0	2.2	0.5	1.18	1.93
55	475.0	54.0	2.27	0.47	1.17	1.56
56	508.3	51.0	2.29	0.57	1.37	1.64
57	532.1	62.0	2.15	0.52	1.24	1.53
58	519.9	64.0	2.28	0.68	1.54	1.65
59	478.2	67.0	2.12	0.46	1.09	1.47
60	609.2	67.0	2.09	0.63	1.35	2.03
61	542.0	58.0	2.11	0.52	1.31	1.81
62	531.2	73.0	2.33	0.57	1.36	1.61
63	602.4	61.0	2.49	0.59	1.33	1.81
64	503.4	48.0	2.45	0.58	1.41	1.71
65	558.0	58.0	2.17	0.46	1.19	1.68
66	516.8	49.0	2.29	0.64	1.37	1.66
67	584.6	58.0	2.25	0.5	1.34	1.75
68	524.4	64.0	2.3	0.59	1.36	1.54
69	485.5	65.0	2.2	0.52	1.27	1.63
70	490.4	52.0	2.13	0.5	1.21	1.53
71	502.4	58.0	2.19	0.55	1.26	1.93
72	555.0	66.0	2.43	0.62	1.54	1.75

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PATHOLOGY REPORT

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	M					
Group	02					
	Kidneys	Liver	Pituitary	Prostate	Seminal	Spleen
	g	g	gland	g	vesicle	g
			mg		g	
M	3.673	13.003	13.875	1.454	1.847	0.828
SD	0.375	1.771	1.752	0.193	0.204	0.11
n	24	24	24	24	24	24
49	3.97	11.7	14.0	1.28	1.83	0.9
50	3.28	11.82	15.0	1.76	1.51	0.7
51	4.0	10.65	13.0	1.87	2.15	0.89
52	3.21	10.22	13.0	1.47	1.8	0.74
53	3.77	11.73	14.0	1.45	1.69	0.79
54	4.11	13.16	17.0	1.11	1.89	0.76
55	2.8	10.17	14.0	1.53	1.81	0.62
56	3.78	15.37	12.0	1.5	1.56	0.85
57	4.29	15.01	15.0	1.5	1.78	0.87
58	3.42	12.68	14.0	1.65	1.84	0.85
59	3.16	12.08	10.0	1.21	1.76	0.73
60	4.08	16.56	12.0	1.73	2.12	0.77
61	3.37	15.27	15.0	1.15	1.56	0.89
62	3.47	13.0	15.0	1.36	1.83	1.02
63	3.66	15.35	16.0	1.26	1.98	1.0
64	3.86	13.72	13.0	1.54	1.61	1.01
65	3.81	13.08	17.0	1.24	1.57	0.95
66	3.54	11.29	14.0	1.51	1.92	0.91
67	3.97	13.16	16.0	1.49	2.28	0.84
68	3.73	11.71	12.0	1.61	2.05	0.74
69	3.4	13.08	14.0	1.42	2.09	0.81
70	3.58	12.44	13.0	1.42	1.87	0.62
71	3.57	13.23	14.0	1.29	1.81	0.83
72	4.33	15.58	11.0	1.54	2.01	0.77

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex M
Group 02

	Testes g	Thymus mg	Thyroid glands mg
M	3.53	283.292	24.875
SD	0.337	57.613	6.024
n	24	24	24
49	2.93	256.0	25.0
50	4.16	339.0	30.0
51	3.47	202.0	27.0
52	3.16	210.0	21.0
53	3.33	224.0	30.0
54	3.5	252.0	25.0
55	3.26	299.0	20.0
56	3.28	242.0	30.0
57	3.3	326.0	19.0
58	3.99	236.0	34.0
59	2.9	206.0	18.0
60	3.76	364.0	24.0
61	3.66	273.0	26.0
62	3.58	434.0	19.0
63	3.72	344.0	15.0
64	3.94	255.0	44.0
65	3.49	302.0	24.0
66	3.38	232.0	25.0
67	3.68	323.0	24.0
68	3.64	301.0	19.0
69	3.62	243.0	26.0
70	3.29	320.0	24.0
71	3.47	332.0	22.0
72	4.22	284.0	26.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	M					
Group	03					
	Term. body weight g	Adrenal glands mg	Brain g	Cauda epididymis g	Epididymides g	Heart g
M	507.229	60.625	2.256	0.537	1.3	1.718
SD	53.489	10.425	0.112	0.067	0.112	0.28
n	24	24	24	24	24	24
73	482.8	52.0	2.18	0.48	1.19	1.78
74	580.9	69.0	2.29	0.5	1.32	1.92
75	463.9	55.0	2.17	0.46	1.25	1.78
76	474.7	42.0	2.43	0.43	1.23	1.69
77	503.4	73.0	2.39	0.69	1.56	1.8
78	544.7	53.0	2.29	0.58	1.35	1.62
79	425.4	49.0	2.32	0.56	1.23	1.32
80	435.5	59.0	2.0	0.49	1.17	1.5
81	455.6	58.0	2.16	0.53	1.16	1.54
82	468.2	67.0	2.01	0.6	1.36	1.49
83	571.6	59.0	2.18	0.55	1.4	2.58
84	613.4	69.0	2.34	0.52	1.37	2.01
85	518.0	45.0	2.29	0.58	1.25	1.79
86	390.3	55.0	2.17	0.47	1.12	1.29
87	544.8	65.0	2.4	0.59	1.43	1.86
88	537.6	64.0	2.3	0.69	1.53	1.91
89	525.5	81.0	2.2	0.47	1.27	1.82
90	475.6	55.0	2.23	0.48	1.33	1.78
91	532.6	71.0	2.42	0.6	1.39	2.0
92	505.5	53.0	2.21	0.52	1.23	1.47
93	532.1	46.0	2.25	0.53	1.24	1.51
94	575.7	70.0	2.29	0.5	1.33	1.86
95	491.0	71.0	2.29	0.5	1.19	1.35
96	524.7	74.0	2.34	0.57	1.29	1.56

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	M					
Group	03					
	Kidneys	Liver	Pituitary	Prostate	Seminal	Spleen
	g	g	gland	g	vesicle	g
			mg		g	
M	4.124	12.46	14.417	1.335	1.834	0.766
SD	0.602	1.789	1.666	0.2	0.202	0.113
n	24	24	24	24	24	24
73	3.65	13.5	14.0	1.2	1.82	0.74
74	4.31	13.5	16.0	1.11	1.7	0.74
75	3.95	11.4	17.0	1.18	1.5	0.77
76	3.84	10.3	14.0	1.49	2.18	0.61
77	4.3	10.69	16.0	1.29	2.02	0.81
78	3.58	12.37	14.0	1.24	1.74	0.64
79	2.62	9.12	11.0	1.19	1.68	0.71
80	4.07	10.26	16.0	1.44	1.75	0.63
81	3.79	9.78	14.0	1.15	2.19	0.72
82	4.96	12.07	14.0	1.83	1.93	0.73
83	3.89	14.21	16.0	1.68	1.84	0.94
84	5.38	16.83	17.0	1.26	1.91	0.8
85	3.92	12.15	11.0	1.14	1.53	0.97
86	4.03	11.13	13.0	1.5	1.86	0.63
87	4.72	13.19	15.0	1.26	2.0	0.89
88	4.81	12.51	13.0	1.53	2.08	0.75
89	4.08	12.02	15.0	1.08	1.94	0.74
90	5.13	12.36	15.0	1.08	1.72	0.83
91	4.72	13.58	14.0	1.33	2.12	0.8
92	3.7	13.3	12.0	1.3	1.72	0.84
93	3.98	13.17	15.0	1.53	1.77	0.66
94	4.25	14.91	15.0	1.34	1.9	0.67
95	3.71	11.86	13.0	1.28	1.49	0.71
96	3.58	14.83	16.0	1.6	1.62	1.05

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PATHOLOGY REPORT

IIC 12/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
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06.Feb.2019 HAMA

ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex M
Group 03

	Testes g	Thymus mg	Thyroid glands mg
M	3.659	233.708	25.625
SD	0.323	50.798	4.985
n	24	24	24
73	3.74	225.0	27.0
74	3.5	229.0	22.0
75	4.04	234.0	28.0
76	3.41	213.0	26.0
77	4.17	246.0	36.0
78	3.69	262.0	29.0
79	3.09	290.0	27.0
80	3.34	223.0	19.0
81	3.44	176.0	23.0
82	3.85	172.0	24.0
83	3.73	300.0	22.0
84	4.1	292.0	31.0
85	3.53	313.0	29.0
86	3.13	187.0	18.0
87	3.98	167.0	29.0
88	3.88	182.0	20.0
89	4.2	186.0	18.0
90	3.65	172.0	34.0
91	4.08	239.0	32.0
92	3.36	252.0	27.0
93	3.44	208.0	20.0
94	3.67	205.0	28.0
95	3.35	287.0	23.0
96	3.45	349.0	23.0

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IIC 13/556

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	F					
Group	00					
	Term. body weight g	Adrenal glands mg	Brain g	Heart g	Kidneys g	Liver g
M	272.125	80.208	2.018	1.145	2.083	8.08
SD	18.498	63.225	0.089	0.102	0.148	0.747
n	24	24	24	24	24	24
101	258.1	62.0	2.05	1.29	1.73	7.8
102	261.5	62.0	2.11	1.17	2.18	7.58
103	275.8	57.0	2.05	1.11	1.92	7.95
104	244.1	68.0	2.01	1.01	1.88	6.84
105	300.9	69.0	2.02	1.15	2.24	8.92
106	283.5	60.0	2.04	1.24	2.07	8.23
107	279.2	77.0	1.94	1.18	2.12	9.2
108	253.7	66.0	2.16	1.13	2.04	7.36
109	272.6	60.0	2.13	1.26	2.1	7.81
110	277.4	375.0	1.93	1.21	2.01	8.34
111	262.6	82.0	1.93	1.15	2.1	8.0
112	290.1	71.0	2.11	1.08	2.26	8.2
113	288.2	71.0	1.97	1.17	2.26	9.57
114	290.8	61.0	1.95	1.3	2.21	8.17
115	248.2	75.0	1.88	1.04	2.04	7.91
116	294.4	79.0	2.01	1.03	2.06	8.44
117	283.6	68.0	2.14	1.01	2.23	8.61
118	250.6	64.0	1.89	1.23	1.96	7.09
119	280.2	69.0	2.01	1.22	1.99	7.71
120	302.7	65.0	2.07	1.31	2.05	9.34
121	251.0	59.0	1.94	0.94	2.14	7.18
122	280.0	73.0	1.9	1.08	2.27	8.42
123	263.0	78.0	2.19	1.14	2.29	8.51
124	238.8	54.0	2.0	1.03	1.84	6.73

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PATHOLOGY REPORT

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	F					
Group	00					
	Ovaries mg	Pituitary gland mg	Spleen g	Thymus mg	Thyroid glands mg	Uterus g
M	102.667	14.375	0.536	239.167	15.625	0.728
SD	16.844	3.474	0.064	50.496	3.809	0.361
n	24	24	24	24	24	24
101	97.0	11.0	0.57	167.0	15.0	0.47
102	101.0	14.0	0.58	272.0	20.0	1.29
103	117.0	13.0	0.59	212.0	26.0	0.57
104	88.0	10.0	0.41	245.0	15.0	0.49
105	55.0	26.0	0.55	186.0	13.0	0.66
106	88.0	14.0	0.56	292.0	13.0	0.46
107	126.0	16.0	0.61	211.0	11.0	0.63
108	115.0	14.0	0.58	244.0	17.0	0.72
109	87.0	10.0	0.69	270.0	24.0	0.6
110	110.0	15.0	0.49	299.0	16.0	2.1
111	123.0	13.0	0.56	212.0	11.0	0.57
112	103.0	15.0	0.55	167.0	15.0	0.96
113	130.0	18.0	0.5	193.0	13.0	0.61
114	120.0	17.0	0.48	211.0	19.0	0.59
115	102.0	12.0	0.43	301.0	16.0	0.69
116	104.0	14.0	0.52	348.0	14.0	0.51
117	113.0	16.0	0.53	293.0	17.0	0.67
118	87.0	10.0	0.47	170.0	16.0	0.63
119	100.0	10.0	0.52	283.0	13.0	0.66
120	112.0	14.0	0.55	278.0	15.0	0.59
121	90.0	16.0	0.46	222.0	13.0	1.17
122	87.0	17.0	0.61	172.0	11.0	0.86
123	116.0	17.0	0.58	240.0	13.0	0.57
124	93.0	13.0	0.47	252.0	19.0	0.4

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PATHOLOGY REPORT

IIC 15/556

90R0066/05R034

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	F					
Group	01					
	Term. body weight g	Adrenal glands mg	Brain g	Heart g	Kidneys g	Liver g
M	278.826	70.391	2.03	1.178	2.135	8.259
SD	24.349	7.011	0.114	0.111	0.221	0.853
n	23	23	23	23	23	23
125	262.0	72.0	2.06	1.1	1.82	7.49
126	296.0	73.0	2.03	1.22	2.12	8.98
128	237.6	60.0	2.09	1.01	2.03	6.94
129	288.4	68.0	2.24	1.37	2.53	9.63
130	264.0	68.0	2.15	1.1	2.05	8.68
131	283.5	72.0	2.17	1.2	1.98	8.47
132	263.1	67.0	1.93	1.2	2.04	8.67
133	299.3	83.0	2.18	1.26	2.33	8.98
134	239.3	65.0	1.7	1.08	1.89	6.6
135	255.3	63.0	1.97	1.1	2.19	7.3
136	241.8	66.0	1.99	1.17	2.08	7.49
137	297.9	87.0	1.94	1.11	2.45	9.33
138	299.9	72.0	2.08	1.33	2.1	9.03
139	288.3	80.0	2.01	1.08	2.16	7.97
140	277.0	70.0	2.01	1.15	2.33	9.05
141	281.7	61.0	2.08	1.04	1.76	7.07
142	274.8	72.0	2.0	1.23	1.91	7.79
143	290.5	75.0	1.91	1.36	2.51	8.92
144	281.3	64.0	2.06	1.07	2.02	8.09
145	350.0	78.0	2.08	1.13	2.47	9.39
146	280.7	67.0	1.89	1.16	1.93	7.83
147	272.0	74.0	2.05	1.19	2.11	7.96
148	288.6	62.0	2.08	1.43	2.29	8.29

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	F					
Group	01					
	Ovaries mg	Pituitary gland mg	Spleen g	Thymus mg	Thyroid glands mg	Uterus g
M	111.13	15.13	0.564	224.391	18.13	0.709
SD	20.06	2.817	0.09	67.897	4.104	0.216
n	23	23	23	23	23	23
125	127.0	13.0	0.56	203.0	19.0	0.57
126	114.0	19.0	0.54	295.0	27.0	0.76
128	85.0	19.0	0.5	226.0	19.0	0.77
129	129.0	16.0	0.64	271.0	27.0	0.6
130	105.0	14.0	0.55	214.0	16.0	0.58
131	106.0	11.0	0.55	230.0	18.0	0.58
132	121.0	13.0	0.62	166.0	15.0	0.6
133	104.0	16.0	0.49	289.0	17.0	0.58
134	97.0	11.0	0.41	154.0	16.0	0.45
135	118.0	16.0	0.68	260.0	23.0	0.75
136	92.0	12.0	0.63	275.0	16.0	0.83
137	127.0	18.0	0.6	177.0	18.0	1.48
138	148.0	18.0	0.69	290.0	16.0	0.6
139	98.0	12.0	0.43	159.0	18.0	0.55
140	109.0	16.0	0.58	101.0	11.0	0.94
141	81.0	13.0	0.53	209.0	16.0	0.46
142	118.0	13.0	0.5	185.0	15.0	0.6
143	136.0	20.0	0.81	239.0	23.0	0.63
144	129.0	15.0	0.47	172.0	18.0	0.64
145	62.0	19.0	0.52	156.0	14.0	0.86
146	100.0	12.0	0.54	354.0	17.0	0.91
147	116.0	17.0	0.52	165.0	14.0	0.75
148	134.0	15.0	0.62	371.0	24.0	0.82

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	F					
Group	02					
	Term. body weight g	Adrenal glands mg	Brain g	Heart g	Kidneys g	Liver g
M	275.429	77.208	2.036	1.198	2.137	8.348
SD	15.309	37.792	0.093	0.086	0.18	0.882
n	24	24	24	24	24	24
149	259.6	70.0	2.09	1.19	1.95	8.33
150	269.6	67.0	2.0	1.27	1.97	8.63
151	251.2	70.0	2.07	1.05	1.93	7.58
152	310.3	83.0	2.23	1.25	2.54	9.81
153	276.7	83.0	2.1	1.25	1.97	7.92
154	278.9	80.0	1.92	1.14	2.16	7.97
155	264.0	73.0	2.0	1.04	1.93	7.87
156	262.2	64.0	1.94	1.16	1.95	7.06
157	290.9	76.0	1.9	1.15	2.43	8.62
158	293.7	249.0	2.01	1.19	2.09	8.21
159	274.0	53.0	1.89	1.23	2.04	7.39
160	276.6	61.0	1.91	1.21	2.04	8.92
161	267.2	61.0	2.12	1.24	2.11	7.74
162	265.1	77.0	2.0	1.04	2.06	7.94
163	260.9	66.0	2.11	1.17	2.06	7.63
164	239.2	49.0	2.0	1.18	2.08	7.66
165	285.9	78.0	2.1	1.17	2.23	9.49
166	279.0	62.0	2.19	1.13	2.16	7.27
167	279.1	72.0	2.06	1.22	2.08	9.02
168	285.4	64.0	2.01	1.15	2.06	8.24
169	293.4	65.0	1.95	1.3	2.47	10.42
170	282.4	87.0	2.04	1.36	2.41	9.6
171	283.6	65.0	2.18	1.31	2.29	9.28
172	281.4	78.0	2.05	1.34	2.28	7.75

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PATHOLOGY REPORT

IIC 18/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

06.Feb.2019 HAMA

ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	F					
Group	02					
	Ovaries mg	Pituitary gland mg	Spleen g	Thymus mg	Thyroid glands mg	Uterus g
M	106.0	14.833	0.583	233.625	17.125	0.75
SD	12.452	1.834	0.216	42.564	3.234	0.195
n	24	24	24	24	24	24
149	105.0	20.0	0.43	282.0	14.0	0.74
150	91.0	16.0	0.61	215.0	14.0	0.95
151	100.0	14.0	0.6	218.0	27.0	0.75
152	126.0	18.0	0.63	289.0	19.0	0.84
153	100.0	13.0	0.58	188.0	18.0	0.54
154	107.0	13.0	0.53	236.0	18.0	0.54
155	115.0	14.0	0.54	230.0	16.0	0.52
156	112.0	16.0	1.53	195.0	21.0	0.61
157	121.0	15.0	0.68	256.0	13.0	0.69
158	97.0	14.0	0.47	185.0	20.0	0.49
159	88.0	16.0	0.48	315.0	12.0	0.96
160	98.0	16.0	0.44	244.0	17.0	0.59
161	94.0	16.0	0.56	168.0	13.0	1.17
162	93.0	16.0	0.48	195.0	21.0	0.8
163	118.0	13.0	0.47	226.0	17.0	0.6
164	106.0	15.0	0.56	206.0	17.0	0.92
165	118.0	15.0	0.57	246.0	15.0	0.65
166	100.0	12.0	0.46	196.0	16.0	0.62
167	95.0	12.0	0.52	305.0	16.0	1.02
168	110.0	14.0	0.45	221.0	18.0	0.64
169	107.0	14.0	0.61	276.0	16.0	0.79
170	140.0	16.0	0.54	192.0	17.0	0.74
171	108.0	14.0	0.73	217.0	20.0	1.17
172	95.0	14.0	0.52	306.0	16.0	0.66

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PATHOLOGY REPORT

IIC 19/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

06.Feb.2019 HAMA

ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	F					
Group	03					
	Term. body weight g	Adrenal glands mg	Brain g	Heart g	Kidneys g	Liver g
M	273.408	71.625	2.043	1.22	2.148	8.695
SD	20.197	9.513	0.068	0.082	0.182	0.87
n	24	24	24	24	24	24
173	272.6	75.0	2.13	1.19	2.11	7.85
174	253.9	71.0	2.08	1.3	2.17	8.38
175	268.2	67.0	2.02	1.22	2.07	8.44
176	293.9	79.0	2.03	1.2	2.19	9.46
177	253.4	77.0	1.96	1.28	2.1	8.59
178	256.6	78.0	1.99	1.4	1.9	8.88
179	282.2	51.0	1.97	1.17	1.96	8.15
180	268.8	69.0	2.05	1.22	2.24	9.18
181	288.6	78.0	2.05	1.35	2.14	8.89
182	297.2	56.0	2.05	1.31	2.35	9.28
183	255.4	64.0	2.18	1.12	1.73	6.81
184	303.1	73.0	2.18	1.17	2.49	9.33
185	236.1	66.0	2.09	1.21	1.94	7.16
186	277.9	83.0	2.03	1.18	2.21	10.22
187	291.4	86.0	1.99	1.18	2.14	9.93
188	278.3	77.0	2.03	1.11	2.23	9.3
189	274.1	66.0	1.97	1.21	2.18	8.57
190	278.6	68.0	2.17	1.22	2.39	9.29
191	265.3	60.0	1.96	1.12	2.03	8.4
192	256.0	72.0	1.98	1.29	1.9	7.71
193	226.6	58.0	1.98	1.11	2.06	7.58
194	291.2	89.0	2.02	1.11	2.32	8.34
195	290.4	79.0	2.08	1.35	2.41	8.98
196	302.0	77.0	2.04	1.25	2.28	9.96

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PATHOLOGY REPORT

IIC 20/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

06.Feb.2019 HAMA

ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	F					
Group	03					
	Ovaries mg	Pituitary gland mg	Spleen g	Thymus mg	Thyroid glands mg	Uterus g
M	104.042	14.625	0.531	218.875	16.542	0.737
SD	13.437	2.601	0.068	46.807	2.949	0.228
n	24	24	24	24	24	24
173	100.0	14.0	0.5	224.0	19.0	0.68
174	96.0	14.0	0.5	225.0	13.0	0.67
175	103.0	14.0	0.51	234.0	13.0	0.65
176	123.0	12.0	0.6	321.0	23.0	0.5
177	104.0	13.0	0.56	171.0	17.0	0.52
178	91.0	13.0	0.51	230.0	17.0	1.1
179	99.0	18.0	0.55	187.0	15.0	0.57
180	103.0	16.0	0.58	222.0	18.0	0.61
181	98.0	13.0	0.68	271.0	19.0	0.58
182	131.0	17.0	0.5	250.0	18.0	0.67
183	82.0	19.0	0.4	207.0	13.0	0.63
184	107.0	15.0	0.43	247.0	18.0	0.78
185	94.0	16.0	0.48	308.0	19.0	1.13
186	94.0	11.0	0.55	118.0	15.0	0.58
187	96.0	14.0	0.53	278.0	16.0	0.63
188	110.0	16.0	0.68	245.0	12.0	0.49
189	105.0	15.0	0.46	192.0	15.0	1.34
190	101.0	17.0	0.52	219.0	16.0	1.12
191	85.0	13.0	0.51	173.0	12.0	0.97
192	121.0	10.0	0.59	177.0	17.0	0.78
193	92.0	11.0	0.5	216.0	15.0	0.78
194	135.0	14.0	0.51	180.0	16.0	0.61
195	111.0	21.0	0.48	175.0	23.0	0.7
196	116.0	15.0	0.62	183.0	18.0	0.59

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PATHOLOGY REPORT

IIC 21/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

06.Feb.2019 HAMA

RELATIVE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	M					
Group	00					
	Term. body weight %	Adrenal glands %	Brain %	Cauda epididymis %	Epididymides %	Heart %
M	100.0	0.01	0.443	0.106	0.252	0.32
SD		0.001	0.041	0.015	0.03	0.022
n	24	24	24	24	24	24
1	100.0	0.009	0.447	0.108	0.251	0.333
2	100.0	0.01	0.398	0.1	0.227	0.311
3	100.0	0.01	0.454	0.121	0.282	0.319
4	100.0	0.011	0.417	0.1	0.236	0.359
5	100.0	0.009	0.393	0.073	0.199	0.294
6	100.0	0.009	0.482	0.109	0.254	0.372
7	100.0	0.008	0.394	0.095	0.225	0.323
8	100.0	0.01	0.508	0.112	0.266	0.352
9	100.0	0.01	0.396	0.088	0.201	0.286
10	100.0	0.012	0.474	0.109	0.274	0.308
11	100.0	0.011	0.44	0.088	0.231	0.31
12	100.0	0.01	0.445	0.102	0.239	0.306
13	100.0	0.01	0.427	0.111	0.256	0.302
14	100.0	0.01	0.434	0.089	0.229	0.307
15	100.0	0.012	0.43	0.124	0.284	0.333
16	100.0	0.011	0.48	0.119	0.296	0.303
17	100.0	0.011	0.388	0.103	0.235	0.323
18	100.0	0.01	0.511	0.116	0.284	0.347
19	100.0	0.013	0.513	0.133	0.299	0.332
20	100.0	0.011	0.381	0.092	0.226	0.3
21	100.0	0.01	0.484	0.127	0.292	0.299
22	100.0	0.01	0.401	0.096	0.226	0.334
23	100.0	0.01	0.468	0.13	0.286	0.332
24	100.0	0.01	0.47	0.102	0.261	0.292

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PATHOLOGY REPORT

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	M					
Group	00					
	Kidneys	Liver	Pituitary	Prostate	Seminal	Spleen
	%	%	gland	%	vesicle	%
	%	%	%	%	%	%
M	0.68	2.413	0.003	0.286	0.37	0.15
SD	0.046	0.188	0.0	0.05	0.055	0.022
n	24	24	24	24	24	24
1	0.742	2.454	0.003	0.341	0.445	0.17
2	0.701	2.327	0.003	0.28	0.408	0.149
3	0.699	2.191	0.003	0.341	0.411	0.145
4	0.629	2.515	0.003	0.238	0.301	0.16
5	0.626	2.238	0.002	0.233	0.346	0.112
6	0.733	2.188	0.003	0.375	0.475	0.136
7	0.627	2.127	0.003	0.225	0.38	0.156
8	0.711	2.56	0.003	0.312	0.394	0.15
9	0.68	2.475	0.003	0.243	0.343	0.129
10	0.667	2.516	0.003	0.308	0.319	0.113
11	0.673	2.32	0.002	0.256	0.317	0.162
12	0.656	2.477	0.003	0.29	0.321	0.167
13	0.622	2.29	0.002	0.268	0.388	0.159
14	0.729	2.435	0.003	0.314	0.447	0.127
15	0.741	2.867	0.003	0.38	0.414	0.162
16	0.74	2.365	0.003	0.333	0.379	0.154
17	0.705	2.299	0.002	0.178	0.307	0.147
18	0.637	2.383	0.002	0.291	0.429	0.182
19	0.775	2.732	0.003	0.323	0.443	0.196
20	0.659	2.521	0.002	0.276	0.336	0.102
21	0.645	2.084	0.003	0.297	0.355	0.153
22	0.616	2.651	0.002	0.222	0.281	0.148
23	0.676	2.359	0.002	0.271	0.297	0.156
24	0.641	2.538	0.003	0.267	0.349	0.165

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex M
Group 00

	Testes %	Thymus %	Thyroid glands %
M	0.703	0.048	0.005
SD	0.072	0.012	0.001
n	24	24	24
1	0.7	0.037	0.006
2	0.682	0.05	0.004
3	0.754	0.043	0.005
4	0.655	0.053	0.005
5	0.637	0.034	0.005
6	0.707	0.043	0.006
7	0.619	0.041	0.004
8	0.778	0.049	0.006
9	0.577	0.057	0.004
10	0.695	0.043	0.007
11	0.671	0.032	0.005
12	0.682	0.076	0.004
13	0.637	0.044	0.004
14	0.611	0.039	0.004
15	0.715	0.059	0.005
16	0.788	0.064	0.005
17	0.746	0.043	0.005
18	0.795	0.055	0.004
19	0.775	0.039	0.005
20	0.623	0.038	0.004
21	0.802	0.039	0.004
22	0.634	0.057	0.005
23	0.839	0.075	0.007
24	0.76	0.05	0.005

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PATHOLOGY REPORT

IIC 24/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
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06.Feb.2019 HAMA

RELATIVE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	M					
Group	01					
	Term. body weight %	Adrenal glands %	Brain %	Cauda epididymis %	Epididymides %	Heart %
M	100.0	0.011	0.448	0.111	0.263	0.334
SD		0.002	0.058	0.02	0.041	0.025
n	24	24	24	24	24	24
25	100.0	0.01	0.367	0.099	0.22	0.323
26	100.0	0.008	0.424	0.099	0.227	0.313
27	100.0	0.011	0.457	0.127	0.26	0.339
28	100.0	0.011	0.492	0.103	0.262	0.338
29	100.0	0.011	0.478	0.119	0.285	0.336
30	100.0	0.013	0.501	0.126	0.319	0.37
31	100.0	0.011	0.471	0.13	0.304	0.31
32	100.0	0.008	0.395	0.106	0.237	0.305
33	100.0	0.016	0.505	0.152	0.311	0.361
34	100.0	0.009	0.389	0.077	0.194	0.316
35	100.0	0.013	0.468	0.118	0.29	0.308
36	100.0	0.015	0.5	0.123	0.284	0.346
37	100.0	0.012	0.548	0.145	0.339	0.366
38	100.0	0.01	0.396	0.092	0.249	0.348
39	100.0	0.013	0.475	0.103	0.242	0.376
40	100.0	0.012	0.371	0.096	0.235	0.346
41	100.0	0.008	0.41	0.085	0.203	0.282
42	100.0	0.011	0.404	0.113	0.277	0.336
43	100.0	0.011	0.559	0.137	0.32	0.367
44	100.0	0.009	0.447	0.092	0.229	0.328
45	100.0	0.01	0.481	0.118	0.302	0.35
46	100.0	0.012	0.489	0.124	0.29	0.342
47	100.0	0.012	0.392	0.084	0.226	0.287
48	100.0	0.009	0.346	0.088	0.208	0.325

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PATHOLOGY REPORT

IIC 25/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
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06.Feb.2019 HAMA

RELATIVE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	M					
Group	01					
	Kidneys	Liver	Pituitary	Prostate	Seminal	Spleen
	%	%	gland	%	vesicle	%
	%	%	%	%	%	%
M	0.663	2.575	0.003	0.281	0.352	0.159
SD	0.053	0.236	0.0	0.053	0.055	0.018
n	24	24	24	24	24	24
25	0.58	2.509	0.003	0.298	0.333	0.126
26	0.652	2.538	0.002	0.245	0.344	0.15
27	0.703	2.344	0.003	0.313	0.349	0.171
28	0.631	2.864	0.003	0.275	0.324	0.197
29	0.705	2.601	0.003	0.356	0.402	0.165
30	0.646	2.885	0.002	0.272	0.422	0.169
31	0.674	2.372	0.004	0.3	0.421	0.151
32	0.65	2.94	0.002	0.25	0.327	0.142
33	0.706	2.314	0.003	0.32	0.44	0.185
34	0.571	3.098	0.003	0.146	0.209	0.15
35	0.774	2.322	0.002	0.323	0.356	0.145
36	0.649	2.446	0.003	0.333	0.407	0.152
37	0.661	2.351	0.002	0.302	0.371	0.16
38	0.633	2.574	0.002	0.314	0.382	0.178
39	0.622	2.727	0.002	0.298	0.292	0.139
40	0.672	2.657	0.003	0.194	0.32	0.141
41	0.593	2.325	0.003	0.244	0.357	0.135
42	0.665	2.83	0.003	0.329	0.388	0.167
43	0.722	2.344	0.002	0.305	0.39	0.154
44	0.607	2.57	0.002	0.214	0.263	0.181
45	0.682	2.548	0.003	0.332	0.361	0.164
46	0.781	2.39	0.002	0.333	0.389	0.183
47	0.686	2.351	0.002	0.249	0.295	0.161
48	0.641	2.891	0.003	0.196	0.295	0.154

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PATHOLOGY REPORT

IIC 26/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
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06.Feb.2019 HAMA

RELATIVE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex M
Group 01

	Testes %	Thymus %	Thyroid glands %
M	0.739	0.056	0.005
SD	0.104	0.017	0.001
n	24	24	24
25	0.673	0.041	0.005
26	0.64	0.034	0.005
27	0.741	0.048	0.006
28	0.765	0.104	0.005
29	0.74	0.069	0.006
30	0.867	0.058	0.005
31	0.744	0.037	0.007
32	0.636	0.043	0.004
33	0.869	0.035	0.005
34	0.606	0.08	0.003
35	0.76	0.049	0.005
36	0.795	0.069	0.005
37	0.921	0.051	0.006
38	0.719	0.061	0.005
39	0.722	0.068	0.005
40	0.744	0.049	0.005
41	0.621	0.031	0.004
42	0.76	0.042	0.005
43	0.986	0.071	0.005
44	0.735	0.071	0.005
45	0.761	0.06	0.006
46	0.769	0.074	0.007
47	0.648	0.05	0.005
48	0.518	0.05	0.004

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PATHOLOGY REPORT

IIC 27/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
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06.Feb.2019 HAMA

RELATIVE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	M					
Group	02					
	Term. body weight %	Adrenal glands %	Brain %	Cauda epididymis %	Epididymides %	Heart %
M	100.0	0.011	0.431	0.106	0.25	0.327
SD		0.001	0.033	0.015	0.025	0.03
n	24	24	24	24	24	24
49	100.0	0.01	0.407	0.09	0.204	0.297
50	100.0	0.011	0.421	0.125	0.288	0.399
51	100.0	0.013	0.467	0.146	0.288	0.378
52	100.0	0.012	0.47	0.112	0.262	0.336
53	100.0	0.01	0.458	0.092	0.237	0.32
54	100.0	0.012	0.424	0.096	0.227	0.372
55	100.0	0.011	0.478	0.099	0.246	0.328
56	100.0	0.01	0.451	0.112	0.27	0.323
57	100.0	0.012	0.404	0.098	0.233	0.288
58	100.0	0.012	0.439	0.131	0.296	0.317
59	100.0	0.014	0.443	0.096	0.228	0.307
60	100.0	0.011	0.343	0.103	0.222	0.333
61	100.0	0.011	0.389	0.096	0.242	0.334
62	100.0	0.014	0.439	0.107	0.256	0.303
63	100.0	0.01	0.413	0.098	0.221	0.3
64	100.0	0.01	0.487	0.115	0.28	0.34
65	100.0	0.01	0.389	0.082	0.213	0.301
66	100.0	0.009	0.443	0.124	0.265	0.321
67	100.0	0.01	0.385	0.086	0.229	0.299
68	100.0	0.012	0.439	0.113	0.259	0.294
69	100.0	0.013	0.453	0.107	0.262	0.336
70	100.0	0.011	0.434	0.102	0.247	0.312
71	100.0	0.012	0.436	0.109	0.251	0.384
72	100.0	0.012	0.438	0.112	0.277	0.315

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	M					
Group	02					
	Kidneys	Liver	Pituitary	Prostate	Seminal	Spleen
	%	%	gland	%	vesicle	%
	%	%	%	%	%	%
M	0.705	2.491	0.003	0.281	0.355	0.159
SD	0.062	0.249	0.0	0.045	0.041	0.019
n	24	24	24	24	24	24
49	0.731	2.155	0.003	0.236	0.337	0.166
50	0.661	2.383	0.003	0.355	0.304	0.141
51	0.823	2.19	0.003	0.385	0.442	0.183
52	0.719	2.288	0.003	0.329	0.403	0.166
53	0.75	2.334	0.003	0.289	0.336	0.157
54	0.792	2.536	0.003	0.214	0.364	0.146
55	0.589	2.141	0.003	0.322	0.381	0.131
56	0.744	3.024	0.002	0.295	0.307	0.167
57	0.806	2.821	0.003	0.282	0.335	0.164
58	0.658	2.439	0.003	0.317	0.354	0.163
59	0.661	2.526	0.002	0.253	0.368	0.153
60	0.67	2.718	0.002	0.284	0.348	0.126
61	0.622	2.817	0.003	0.212	0.288	0.164
62	0.653	2.447	0.003	0.256	0.345	0.192
63	0.608	2.548	0.003	0.209	0.329	0.166
64	0.767	2.725	0.003	0.306	0.32	0.201
65	0.683	2.344	0.003	0.222	0.281	0.17
66	0.685	2.185	0.003	0.292	0.372	0.176
67	0.679	2.251	0.003	0.255	0.39	0.144
68	0.711	2.233	0.002	0.307	0.391	0.141
69	0.7	2.694	0.003	0.292	0.43	0.167
70	0.73	2.537	0.003	0.29	0.381	0.126
71	0.711	2.633	0.003	0.257	0.36	0.165
72	0.78	2.807	0.002	0.277	0.362	0.139

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex M
Group 02

	Testes %	Thymus %	Thyroid glands %
M	0.679	0.054	0.005
SD	0.066	0.01	0.001
n	24	24	24
49	0.54	0.047	0.005
50	0.839	0.068	0.006
51	0.714	0.042	0.006
52	0.707	0.047	0.005
53	0.663	0.045	0.006
54	0.674	0.049	0.005
55	0.686	0.063	0.004
56	0.645	0.048	0.006
57	0.62	0.061	0.004
58	0.767	0.045	0.007
59	0.606	0.043	0.004
60	0.617	0.06	0.004
61	0.675	0.05	0.005
62	0.674	0.082	0.004
63	0.618	0.057	0.002
64	0.783	0.051	0.009
65	0.625	0.054	0.004
66	0.654	0.045	0.005
67	0.629	0.055	0.004
68	0.694	0.057	0.004
69	0.746	0.05	0.005
70	0.671	0.065	0.005
71	0.691	0.066	0.004
72	0.76	0.051	0.005

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	M					
Group	03					
	Term. body weight %	Adrenal glands %	Brain %	Cauda epididymis %	Epididymides %	Heart %
M	100.0	0.012	0.449	0.107	0.258	0.338
SD		0.002	0.044	0.015	0.023	0.038
n	24	24	24	24	24	24
73	100.0	0.011	0.452	0.099	0.246	0.369
74	100.0	0.012	0.394	0.086	0.227	0.331
75	100.0	0.012	0.468	0.099	0.269	0.384
76	100.0	0.009	0.512	0.091	0.259	0.356
77	100.0	0.015	0.475	0.137	0.31	0.358
78	100.0	0.01	0.42	0.106	0.248	0.297
79	100.0	0.012	0.545	0.132	0.289	0.31
80	100.0	0.014	0.459	0.113	0.269	0.344
81	100.0	0.013	0.474	0.116	0.255	0.338
82	100.0	0.014	0.429	0.128	0.29	0.318
83	100.0	0.01	0.381	0.096	0.245	0.451
84	100.0	0.011	0.381	0.085	0.223	0.328
85	100.0	0.009	0.442	0.112	0.241	0.346
86	100.0	0.014	0.556	0.12	0.287	0.331
87	100.0	0.012	0.441	0.108	0.262	0.341
88	100.0	0.012	0.428	0.128	0.285	0.355
89	100.0	0.015	0.419	0.089	0.242	0.346
90	100.0	0.012	0.469	0.101	0.28	0.374
91	100.0	0.013	0.454	0.113	0.261	0.376
92	100.0	0.01	0.437	0.103	0.243	0.291
93	100.0	0.009	0.423	0.1	0.233	0.284
94	100.0	0.012	0.398	0.087	0.231	0.323
95	100.0	0.014	0.466	0.102	0.242	0.275
96	100.0	0.014	0.446	0.109	0.246	0.297

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	M					
Group	03					
	Kidneys	Liver	Pituitary	Prostate	Seminal	Spleen
	%	%	gland	%	vesicle	%
	%	%	%	%	%	%
M	0.817	2.455	0.003	0.266	0.365	0.152
SD	0.123	0.218	0.0	0.051	0.055	0.021
n	24	24	24	24	24	24
73	0.756	2.796	0.003	0.249	0.377	0.153
74	0.742	2.324	0.003	0.191	0.293	0.127
75	0.851	2.457	0.004	0.254	0.323	0.166
76	0.809	2.17	0.003	0.314	0.459	0.129
77	0.854	2.124	0.003	0.256	0.401	0.161
78	0.657	2.271	0.003	0.228	0.319	0.117
79	0.616	2.144	0.003	0.28	0.395	0.167
80	0.935	2.356	0.004	0.331	0.402	0.145
81	0.832	2.147	0.003	0.252	0.481	0.158
82	1.059	2.578	0.003	0.391	0.412	0.156
83	0.681	2.486	0.003	0.294	0.322	0.164
84	0.877	2.744	0.003	0.205	0.311	0.13
85	0.757	2.346	0.002	0.22	0.295	0.187
86	1.033	2.852	0.003	0.384	0.477	0.161
87	0.866	2.421	0.003	0.231	0.367	0.163
88	0.895	2.327	0.002	0.285	0.387	0.14
89	0.776	2.287	0.003	0.206	0.369	0.141
90	1.079	2.599	0.003	0.227	0.362	0.175
91	0.886	2.55	0.003	0.25	0.398	0.15
92	0.732	2.631	0.002	0.257	0.34	0.166
93	0.748	2.475	0.003	0.288	0.333	0.124
94	0.738	2.59	0.003	0.233	0.33	0.116
95	0.756	2.415	0.003	0.261	0.303	0.145
96	0.682	2.826	0.003	0.305	0.309	0.2

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex M
Group 03

	Testes %	Thymus %	Thyroid glands %
M	0.726	0.046	0.005
SD	0.07	0.01	0.001
n	24	24	24
73	0.775	0.047	0.006
74	0.603	0.039	0.004
75	0.871	0.05	0.006
76	0.718	0.045	0.005
77	0.828	0.049	0.007
78	0.677	0.048	0.005
79	0.726	0.068	0.006
80	0.767	0.051	0.004
81	0.755	0.039	0.005
82	0.822	0.037	0.005
83	0.653	0.052	0.004
84	0.668	0.048	0.005
85	0.681	0.06	0.006
86	0.802	0.048	0.005
87	0.731	0.031	0.005
88	0.722	0.034	0.004
89	0.799	0.035	0.003
90	0.767	0.036	0.007
91	0.766	0.045	0.006
92	0.665	0.05	0.005
93	0.646	0.039	0.004
94	0.637	0.036	0.005
95	0.682	0.058	0.005
96	0.658	0.067	0.004

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	F					
Group	00					
	Term. body weight %	Adrenal glands %	Brain %	Heart %	Kidneys %	Liver %
M	100.0	0.029	0.745	0.422	0.767	2.968
SD		0.023	0.057	0.038	0.053	0.161
n	24	24	24	24	24	24
101	100.0	0.024	0.794	0.5	0.67	3.022
102	100.0	0.024	0.807	0.447	0.834	2.899
103	100.0	0.021	0.743	0.402	0.696	2.883
104	100.0	0.028	0.823	0.414	0.77	2.802
105	100.0	0.023	0.671	0.382	0.744	2.964
106	100.0	0.021	0.72	0.437	0.73	2.903
107	100.0	0.028	0.695	0.423	0.759	3.295
108	100.0	0.026	0.851	0.445	0.804	2.901
109	100.0	0.022	0.781	0.462	0.77	2.865
110	100.0	0.135	0.696	0.436	0.725	3.006
111	100.0	0.031	0.735	0.438	0.8	3.046
112	100.0	0.024	0.727	0.372	0.779	2.827
113	100.0	0.025	0.684	0.406	0.784	3.321
114	100.0	0.021	0.671	0.447	0.76	2.809
115	100.0	0.03	0.757	0.419	0.822	3.187
116	100.0	0.027	0.683	0.35	0.7	2.867
117	100.0	0.024	0.755	0.356	0.786	3.036
118	100.0	0.026	0.754	0.491	0.782	2.829
119	100.0	0.025	0.717	0.435	0.71	2.752
120	100.0	0.021	0.684	0.433	0.677	3.086
121	100.0	0.024	0.773	0.375	0.853	2.861
122	100.0	0.026	0.679	0.386	0.811	3.007
123	100.0	0.03	0.833	0.433	0.871	3.236
124	100.0	0.023	0.838	0.431	0.771	2.818

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	F					
Group	00					
	Ovaries	Pituitary	Spleen	Thymus	Thyroid	Uterus
	%	gland	%	%	glands	%
	%	%	%	%	%	%
M	0.038	0.005	0.197	0.088	0.006	0.268
SD	0.006	0.001	0.023	0.019	0.002	0.133
n	24	24	24	24	24	24
101	0.038	0.004	0.221	0.065	0.006	0.182
102	0.039	0.005	0.222	0.104	0.008	0.493
103	0.042	0.005	0.214	0.077	0.009	0.207
104	0.036	0.004	0.168	0.1	0.006	0.201
105	0.018	0.009	0.183	0.062	0.004	0.219
106	0.031	0.005	0.198	0.103	0.005	0.162
107	0.045	0.006	0.218	0.076	0.004	0.226
108	0.045	0.006	0.229	0.096	0.007	0.284
109	0.032	0.004	0.253	0.099	0.009	0.22
110	0.04	0.005	0.177	0.108	0.006	0.757
111	0.047	0.005	0.213	0.081	0.004	0.217
112	0.036	0.005	0.19	0.058	0.005	0.331
113	0.045	0.006	0.173	0.067	0.005	0.212
114	0.041	0.006	0.165	0.073	0.007	0.203
115	0.041	0.005	0.173	0.121	0.006	0.278
116	0.035	0.005	0.177	0.118	0.005	0.173
117	0.04	0.006	0.187	0.103	0.006	0.236
118	0.035	0.004	0.188	0.068	0.006	0.251
119	0.036	0.004	0.186	0.101	0.005	0.236
120	0.037	0.005	0.182	0.092	0.005	0.195
121	0.036	0.006	0.183	0.088	0.005	0.466
122	0.031	0.006	0.218	0.061	0.004	0.307
123	0.044	0.006	0.221	0.091	0.005	0.217
124	0.039	0.005	0.197	0.106	0.008	0.168

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	F					
Group	01					
	Term. body weight %	Adrenal glands %	Brain %	Heart %	Kidneys %	Liver %
M	100.0	0.025	0.732	0.424	0.768	2.964
SD		0.002	0.062	0.041	0.071	0.21
n	23	23	23	23	23	23
125	100.0	0.027	0.786	0.42	0.695	2.859
126	100.0	0.025	0.686	0.412	0.716	3.034
128	100.0	0.025	0.88	0.425	0.854	2.921
129	100.0	0.024	0.777	0.475	0.877	3.339
130	100.0	0.026	0.814	0.417	0.777	3.288
131	100.0	0.025	0.765	0.423	0.698	2.988
132	100.0	0.025	0.734	0.456	0.775	3.295
133	100.0	0.028	0.728	0.421	0.778	3.0
134	100.0	0.027	0.71	0.451	0.79	2.758
135	100.0	0.025	0.772	0.431	0.858	2.859
136	100.0	0.027	0.823	0.484	0.86	3.098
137	100.0	0.029	0.651	0.373	0.822	3.132
138	100.0	0.024	0.694	0.443	0.7	3.011
139	100.0	0.028	0.697	0.375	0.749	2.764
140	100.0	0.025	0.726	0.415	0.841	3.267
141	100.0	0.022	0.738	0.369	0.625	2.51
142	100.0	0.026	0.728	0.448	0.695	2.835
143	100.0	0.026	0.657	0.468	0.864	3.071
144	100.0	0.023	0.732	0.38	0.718	2.876
145	100.0	0.022	0.594	0.323	0.706	2.683
146	100.0	0.024	0.673	0.413	0.688	2.789
147	100.0	0.027	0.754	0.438	0.776	2.926
148	100.0	0.021	0.721	0.495	0.793	2.872

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	F					
Group	01					
	Ovaries	Pituitary	Spleen	Thymus	Thyroid	Uterus
	%	gland	%	%	glands	%
	%	%	%	%	%	%
M	0.04	0.005	0.204	0.081	0.007	0.255
SD	0.007	0.001	0.035	0.024	0.001	0.074
n	23	23	23	23	23	23
125	0.048	0.005	0.214	0.077	0.007	0.218
126	0.039	0.006	0.182	0.1	0.009	0.257
128	0.036	0.008	0.21	0.095	0.008	0.324
129	0.045	0.006	0.222	0.094	0.009	0.208
130	0.04	0.005	0.208	0.081	0.006	0.22
131	0.037	0.004	0.194	0.081	0.006	0.205
132	0.046	0.005	0.236	0.063	0.006	0.228
133	0.035	0.005	0.164	0.097	0.006	0.194
134	0.041	0.005	0.171	0.064	0.007	0.188
135	0.046	0.006	0.266	0.102	0.009	0.294
136	0.038	0.005	0.261	0.114	0.007	0.343
137	0.043	0.006	0.201	0.059	0.006	0.497
138	0.049	0.006	0.23	0.097	0.005	0.2
139	0.034	0.004	0.149	0.055	0.006	0.191
140	0.039	0.006	0.209	0.036	0.004	0.339
141	0.029	0.005	0.188	0.074	0.006	0.163
142	0.043	0.005	0.182	0.067	0.005	0.218
143	0.047	0.007	0.279	0.082	0.008	0.217
144	0.046	0.005	0.167	0.061	0.006	0.228
145	0.018	0.005	0.149	0.045	0.004	0.246
146	0.036	0.004	0.192	0.126	0.006	0.324
147	0.043	0.006	0.191	0.061	0.005	0.276
148	0.046	0.005	0.215	0.129	0.008	0.284

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	F					
Group	02					
	Term. body weight %	Adrenal glands %	Brain %	Heart %	Kidneys %	Liver %
M	100.0	0.028	0.741	0.435	0.776	3.029
SD		0.013	0.05	0.031	0.045	0.246
n	24	24	24	24	24	24
149	100.0	0.027	0.805	0.458	0.751	3.209
150	100.0	0.025	0.742	0.471	0.731	3.201
151	100.0	0.028	0.824	0.418	0.768	3.018
152	100.0	0.027	0.719	0.403	0.819	3.161
153	100.0	0.03	0.759	0.452	0.712	2.862
154	100.0	0.029	0.688	0.409	0.774	2.858
155	100.0	0.028	0.758	0.394	0.731	2.981
156	100.0	0.024	0.74	0.442	0.744	2.693
157	100.0	0.026	0.653	0.395	0.835	2.963
158	100.0	0.085	0.684	0.405	0.712	2.795
159	100.0	0.019	0.69	0.449	0.745	2.697
160	100.0	0.022	0.691	0.437	0.738	3.225
161	100.0	0.023	0.793	0.464	0.79	2.897
162	100.0	0.029	0.754	0.392	0.777	2.995
163	100.0	0.025	0.809	0.448	0.79	2.924
164	100.0	0.02	0.836	0.493	0.87	3.202
165	100.0	0.027	0.735	0.409	0.78	3.319
166	100.0	0.022	0.785	0.405	0.774	2.606
167	100.0	0.026	0.738	0.437	0.745	3.232
168	100.0	0.022	0.704	0.403	0.722	2.887
169	100.0	0.022	0.665	0.443	0.842	3.551
170	100.0	0.031	0.722	0.482	0.853	3.399
171	100.0	0.023	0.769	0.462	0.807	3.272
172	100.0	0.028	0.729	0.476	0.81	2.754

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PATHOLOGY REPORT

IIC 38/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

06.Feb.2019 HAMA

RELATIVE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	F					
Group	02					
	Ovaries	Pituitary	Spleen	Thymus	Thyroid	Uterus
	%	gland	%	%	glands	%
	%	%	%	%	%	%
M	0.039	0.005	0.213	0.085	0.006	0.274
SD	0.004	0.001	0.084	0.015	0.001	0.075
n	24	24	24	24	24	24
149	0.04	0.008	0.166	0.109	0.005	0.285
150	0.034	0.006	0.226	0.08	0.005	0.352
151	0.04	0.006	0.239	0.087	0.011	0.299
152	0.041	0.006	0.203	0.093	0.006	0.271
153	0.036	0.005	0.21	0.068	0.007	0.195
154	0.038	0.005	0.19	0.085	0.006	0.194
155	0.044	0.005	0.205	0.087	0.006	0.197
156	0.043	0.006	0.584	0.074	0.008	0.233
157	0.042	0.005	0.234	0.088	0.004	0.237
158	0.033	0.005	0.16	0.063	0.007	0.167
159	0.032	0.006	0.175	0.115	0.004	0.35
160	0.035	0.006	0.159	0.088	0.006	0.213
161	0.035	0.006	0.21	0.063	0.005	0.438
162	0.035	0.006	0.181	0.074	0.008	0.302
163	0.045	0.005	0.18	0.087	0.007	0.23
164	0.044	0.006	0.234	0.086	0.007	0.385
165	0.041	0.005	0.199	0.086	0.005	0.227
166	0.036	0.004	0.165	0.07	0.006	0.222
167	0.034	0.004	0.186	0.109	0.006	0.365
168	0.039	0.005	0.158	0.077	0.006	0.224
169	0.036	0.005	0.208	0.094	0.005	0.269
170	0.05	0.006	0.191	0.068	0.006	0.262
171	0.038	0.005	0.257	0.077	0.007	0.413
172	0.034	0.005	0.185	0.109	0.006	0.235

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PATHOLOGY REPORT

IIC 39/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

06.Feb.2019 HAMA

RELATIVE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	F					
Group	03					
	Term. body weight %	Adrenal glands %	Brain %	Heart %	Kidneys %	Liver %
M	100.0	0.026	0.751	0.448	0.787	3.181
SD		0.003	0.06	0.044	0.054	0.229
n	24	24	24	24	24	24
173	100.0	0.028	0.781	0.437	0.774	2.88
174	100.0	0.028	0.819	0.512	0.855	3.301
175	100.0	0.025	0.753	0.455	0.772	3.147
176	100.0	0.027	0.691	0.408	0.745	3.219
177	100.0	0.03	0.773	0.505	0.829	3.39
178	100.0	0.03	0.776	0.546	0.74	3.461
179	100.0	0.018	0.698	0.415	0.695	2.888
180	100.0	0.026	0.763	0.454	0.833	3.415
181	100.0	0.027	0.71	0.468	0.742	3.08
182	100.0	0.019	0.69	0.441	0.791	3.122
183	100.0	0.025	0.854	0.439	0.677	2.666
184	100.0	0.024	0.719	0.386	0.822	3.078
185	100.0	0.028	0.885	0.512	0.822	3.033
186	100.0	0.03	0.73	0.425	0.795	3.678
187	100.0	0.03	0.683	0.405	0.734	3.408
188	100.0	0.028	0.729	0.399	0.801	3.342
189	100.0	0.024	0.719	0.441	0.795	3.127
190	100.0	0.024	0.779	0.438	0.858	3.335
191	100.0	0.023	0.739	0.422	0.765	3.166
192	100.0	0.028	0.773	0.504	0.742	3.012
193	100.0	0.026	0.874	0.49	0.909	3.345
194	100.0	0.031	0.694	0.381	0.797	2.864
195	100.0	0.027	0.716	0.465	0.83	3.092
196	100.0	0.025	0.675	0.414	0.755	3.298

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PATHOLOGY REPORT

IIC 40/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

06.Feb.2019 HAMA

RELATIVE WEIGHTS - INDIVIDUAL VALUES

F0 GENERATION, PARENTAL ANIMALS

Sacrifice	F1					
Sex	F					
Group	03					
	Ovaries	Pituitary	Spleen	Thymus	Thyroid	Uterus
	%	gland	%	%	glands	%
	%	%	%	%	%	%
M	0.038	0.005	0.195	0.08	0.006	0.273
SD	0.004	0.001	0.025	0.018	0.001	0.094
n	24	24	24	24	24	24
173	0.037	0.005	0.183	0.082	0.007	0.249
174	0.038	0.006	0.197	0.089	0.005	0.264
175	0.038	0.005	0.19	0.087	0.005	0.242
176	0.042	0.004	0.204	0.109	0.008	0.17
177	0.041	0.005	0.221	0.067	0.007	0.205
178	0.035	0.005	0.199	0.09	0.007	0.429
179	0.035	0.006	0.195	0.066	0.005	0.202
180	0.038	0.006	0.216	0.083	0.007	0.227
181	0.034	0.005	0.236	0.094	0.007	0.201
182	0.044	0.006	0.168	0.084	0.006	0.225
183	0.032	0.007	0.157	0.081	0.005	0.247
184	0.035	0.005	0.142	0.081	0.006	0.257
185	0.04	0.007	0.203	0.13	0.008	0.479
186	0.034	0.004	0.198	0.042	0.005	0.209
187	0.033	0.005	0.182	0.095	0.005	0.216
188	0.04	0.006	0.244	0.088	0.004	0.176
189	0.038	0.005	0.168	0.07	0.005	0.489
190	0.036	0.006	0.187	0.079	0.006	0.402
191	0.032	0.005	0.192	0.065	0.005	0.366
192	0.047	0.004	0.23	0.069	0.007	0.305
193	0.041	0.005	0.221	0.095	0.007	0.344
194	0.046	0.005	0.175	0.062	0.005	0.209
195	0.038	0.007	0.165	0.06	0.008	0.241
196	0.038	0.005	0.205	0.061	0.006	0.195

BASF PATHOLOGY REPORT IIC 41/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	00
	Animal	1

General information

Sex : Male
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Colon
Parasite(s) in lumen.
Heart
Necrosis/ fibrosis, myocardial, (multi)focal, grade 2.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Tension lipidosis.
Prostate
Inflammation, chronic, grade 1.
All other organs examined without microscopic findings.

	Animal	2
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General information

Sex : Male
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Cervical cord
No or insufficient tissue present on slide.
Heart
Necrosis/ fibrosis, myocardial, (multi)focal, grade 1.
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.

BASF PATHOLOGY REPORT IIC 42/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	00
	cont. Animal	2

Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.
Lungs
Osseous metaplasia, (multi)focal.
Prostate
Inflammation, chronic, grade 1.
All other organs examined without microscopic findings.

Animal	3
--------	---

General information

Sex : Male
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 2.
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.
Parathyroid glands
Unilaterally investigated or present. No histopathologic findings noted.
Prostate
Inflammation, chronic, grade 1.
Spleen
Pigment storage, grade 1.
All other organs examined without microscopic findings.

Animal	4
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General information

Sex : Male
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 43/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	00
	cont. Animal	4

Macroscopic findings

Glandular stomach
Focus, few (2-5) to diameter 2.0 mm, dark brown.
All other organs without macroscopic findings.

Microscopic findings

Glandular stomach
Gross lesion(s) evaluated histopathologically.
Erosion/ulcer, correlates to gross lesion Focus.
Heart
Necrosis/ fibrosis, myocardial, (multi)focal, grade 1.
Left testicle
Degeneration, tubular, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.
Peri-/vasculitis, grade 2.
Prostate
Inflammation, purulent, grade 1.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 3.
All other organs examined without microscopic findings.

	Animal	5
--	--------	---

General information

Sex : Male
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

Macroscopic findings

General Observations
No offspring.
All other organs without macroscopic findings.

Microscopic findings

General Observations
Histopathologic evaluation of gross lesion(s) will not be performed.
Kidneys
Organ autolytic, partial evaluation possible.
Tubules, basophilic, (multi)focal, grade 1.

BASF PATHOLOGY REPORT IIC 44/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex M
Group 00
cont. Animal 5

Left testicle
Degeneration, tubular, (multi)focal, grade 1.
Prostate
Inflammation, chronic, grade 3.
All other organs examined without microscopic findings.

..... Animal 6

General information

Sex : Male
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Colon
Parasite(s) in lumen.
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Pancreas
Inflammation, (multi)focal, grade 1.
Rectum
Parasite(s) in lumen.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 1.
All other organs examined without microscopic findings.

..... Animal 7

General information

Sex : Male
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 45/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

.....	Sacrifice	F1
.....	Sex	M
.....	Group	00
.....	cont. Animal	7

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Left epididymis
Infiltration, lymphoid cell, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Fatty change, (multi)focal, grade 1.
Pituitary gland
Dilation of Rathke's cleft.
Prostate
Inflammation, purulent, grade 1.
Rectum
Parasite(s) in lumen.
All other organs examined without microscopic findings.

.....	Animal	8
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General information
Sex : Male
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Adrenal cortex
Accessory cortical tissue.
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Peri-/vasculitis, grade 1.
Mammary gland
No or insufficient tissue present on slide.

BASF PATHOLOGY REPORT IIC 46/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex M
Group 00
cont. Animal 8

Prostate
Inflammation, chronic, grade 1.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 1.
All other organs examined without microscopic findings.

Animal 9

General information

Sex : Male
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings

Heart
Necrosis/ fibrosis, myocardial, (multi)focal, grade 1.
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.
Pancreas
Degeneration, acinar cell, (multi)focal, grade 3.
Pituitary gland
Dilation of Rathke's cleft.
Spleen
Pigment storage, grade 1.
All other organs examined without microscopic findings.

Animal 10

General information

Sex : Male
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 47/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	00
	cont. Animal	10

Macroscopic findings

Kidneys
Retraction, left side, diameter 1.0 mm.
All other organs without macroscopic findings.

Microscopic findings

Heart
Necrosis/ fibrosis, myocardial, (multi)focal, grade 1.
Kidneys
Unilaterally investigated or present. Gross lesion(s) evaluated histopathologically.
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 2, correlates to gross lesion Retraction.
Cyst(s), unilateral, correlates to gross lesion Retraction.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Parathyroid glands
Unilaterally investigated or present. No histopathologic findings noted.
Prostate
Inflammation, chronic, grade 1.
Inflammation, purulent, grade 1.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 2.
Pigment storage, grade 2.
All other organs examined without microscopic findings.

	Animal	11
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General information

Sex : Male
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

Macroscopic findings

Kidneys
Retraction, several (6-10), to diameter 2.0 mm.
All other organs without macroscopic findings.

BASF PATHOLOGY REPORT IIC 48/556
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Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	00
	cont. Animal	11

Microscopic findings

Heart
Necrosis/ fibrosis, myocardial, (multi)focal, grade 2.

Kidneys
Gross lesion(s) evaluated histopathologically.
Tubules, basophilic, (multi)focal, grade 2.
Infiltration, lymphoid cell, (multi)focal, grade 1, correlates to gross lesion Retraction.
Cyst(s), correlates to gross lesion Retraction.

Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.

Prostate
Inflammation, chronic, grade 2.
Inflammation, purulent, grade 2.

Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 3.

All other organs examined without microscopic findings.

	Animal	12
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General information

Sex : Male
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Glandular stomach
Dilation, glands, grade 1.

Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.

Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.

Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 1.

All other organs examined without microscopic findings.

BASF PATHOLOGY REPORT IIC 49/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

.....	Sacrifice	F1
.....	Sex	M
.....	Group	00
.....	Animal	13

General information

Sex : Male
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

Macroscopic findings

Kidneys
Retraction, left side, diameter 2.0 mm.
All other organs without macroscopic findings.

Microscopic findings

Kidneys
Gross lesion(s) evaluated histopathologically.
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 2.
Cyst(s), unilateral, correlates to gross lesion Retraction.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Tension lipidosis.
Lungs
Histiocytosis, alveolar, (multi)focal, grade 1.
Peyers patch
Inflammation, (multi)focal, crypt, grade 1.
Pituitary gland
Cyst(s), pars distalis.
Spleen
Pigment storage, grade 2.
All other organs examined without microscopic findings.

.....	Animal	14
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General information

Sex : Male
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 50/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	00
	cont. Animal	14

Macroscopic findings
Animal without particular findings.

Microscopic findings
Heart
Necrosis/ fibrosis, myocardial, (multi)focal, grade 2.
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Pancreas
Degeneration, acinar cell, (multi)focal, grade 1.
Parathyroid glands
No or insufficient tissue present on slide.
Pituitary gland
Cyst(s), in pars intermedia.
Prostate
Inflammation, chronic, grade 3.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 2.
All other organs examined without microscopic findings.

	Animal	15
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General information
Sex : Male
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Brain
Mineralization, (multi)focal, meninx, cerebellum, grade 1.
Colon
Parasite(s) in lumen.
Ductus deferens
Atrophy, diffuse, unilateral, grade 2.

BASF PATHOLOGY REPORT IIC 51/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET

F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	00
	cont. Animal	15
.....		
Kidneys		
Tubules, basophilic, (multi)focal, unilateral, grade 1.		
Cyst(s), unilateral.		
Liver		
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.		
Lungs		
Histiocytosis, alveolar, (multi)focal, grade 1.		
Pancreas		
Inflammation, (multi)focal, grade 1.		
Spleen		
Pigment storage, grade 1.		
All other organs examined without microscopic findings.		
	Animal	16
.....		
General information		
Sex	: Male	
Group	: 00 (0 mg/kg)	
Sacrifice	: F0 Generation, parental animals	
Necropsy status	: Planned sacrifice	
Date of death	: 28.Nov.2017	
	106 days after start of exposure	
	1 day after end of exposure	
Macroscopic findings		
Animal without particular findings.		
Microscopic findings		
Kidneys		
Tubules, basophilic, (multi)focal, grade 1.		
Left epididymis		
Infiltration, lymphoid cell, (multi)focal, grade 1.		
Liver		
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.		
Spleen		
Pigment storage, grade 1.		
Thymus		
Hyperplasia, tubules and cords, (multi)focal, grade 1.		
All other organs examined without microscopic findings.		

BASF

PATHOLOGY REPORT

IIC 52/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

06.Feb.2019 HAMA

SINGLE ANIMAL SHEET

F0 GENERATION, PARENTAL ANIMALS

.....	Sacrifice	F1
.....	Sex	M
.....	Group	00
.....	Animal	17

General information

Sex : Male
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Colon
Parasite(s) in lumen.
Ductus deferens
Dilation, unilateral.
Heart
Necrosis/ fibrosis, myocardial, (multi)focal, grade 1.
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Cyst(s), unilateral.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Pancreas
Inflammation, (multi)focal, grade 1.
Prostate
Inflammation, chronic, grade 1.
All other organs examined without microscopic findings.

.....	Animal	18
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General information

Sex : Male
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 53/556
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Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex M
Group 00
cont. Animal 18
.....

Macroscopic findings

Liver
Focus, caudate process, diameter 3.0 mm, white.
All other organs without macroscopic findings.

Microscopic findings

Adrenal cortex
Accessory cortical tissue, unilateral.
Cecum
Parasite(s) in lumen.
Colon
Parasite(s) in lumen.
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
No histopathologic correlate to gross lesion(s).
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 2.
Prostate
Inflammation, chronic, grade 3.
Rectum
Parasite(s) in lumen.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
All other organs examined without microscopic findings.

..... Animal 19
.....

General information

Sex : Male
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

Macroscopic findings

Kidneys
Cyst, right side, diameter 3.0 mm.
All other organs without macroscopic findings.

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Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	00
	cont. Animal	19

Microscopic findings

Kidneys

Gross lesion(s) evaluated histopathologically.
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
Cyst(s), unilateral, correlates to gross lesion Cyst.

Liver

Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.

Lungs

Histiocytosis, alveolar, (multi)focal, grade 1.

Prostate

Inflammation, chronic, grade 1.

All other organs examined without microscopic findings.

	Animal	20
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General information

Sex : Male
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Liver

Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.

Rectum

Parasite(s) in lumen.

Spleen

Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 2.

Thymus

Hyperplasia, tubules and cords, (multi)focal, grade 1.

All other organs examined without microscopic findings.

BASF PATHOLOGY REPORT IIC 55/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex M
Group 00
Animal 21
.....

General information

Sex : Male
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal 22
.....

General information

Sex : Male
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Cast, tubular, grade 1.
All other organs examined without microscopic findings.

Animal 23
.....

General information

Sex : Male
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 56/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	00
	cont. Animal	23

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Cast, tubular, unilateral, grade 1.
All other organs examined without microscopic findings.

	Animal	24
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General information
Sex : Male
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

Macroscopic findings
Kidneys
Retraction, left side, diameter 2.0 mm.
All other organs without macroscopic findings.

Microscopic findings
Colon
Parasite(s) in lumen.
Glandular stomach
Dilation, glands, grade 1.
Heart
Necrosis/ fibrosis, myocardial, (multi)focal, grade 1.
Kidneys
Gross lesion(s) evaluated histopathologically.
Tubules, basophilic, (multi)focal, unilateral, grade 3, correlates to gross
lesion Retraction.
Left epididymis
Infiltration, lymphoid cell, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.
Prostate
Inflammation, chronic, grade 3.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Thymus
Ectopia, parathyroideal tissue.
All other organs examined without microscopic findings.

BASF PATHOLOGY REPORT IIC 57/556
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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	01
	Animal	25

General information

Sex : Male
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

Macroscopic findings

Glandular stomach
Focus, diameter 2.0 mm, black.
Liver
Focus, between left medial lobe and right medial lobe, diameter 3.0 mm, yellow.
All other organs without macroscopic findings.

Microscopic findings

Glandular stomach
No histopathologic correlate to gross lesion(s). No histopathologic finding noted.
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Gross lesion(s) evaluated histopathologically.
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Fatty change, (multi)focal, grade 1.
Peri-/vasculitis, grade 2, correlates to gross lesion Focus.
All other organs examined without microscopic findings.

	Animal	26
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General information

Sex : Male
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

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90R0066/05R034
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in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex M
Group 01
cont. Animal 26

Macroscopic findings
Animal without particular findings.

Microscopic findings
Forestomach
Inflammation, (multi)focal, grade 2.
All other organs examined without microscopic findings.

..... Animal 27

General information
Sex : Male
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Cast, tubular, grade 1.
All other organs examined without microscopic findings.

..... Animal 28

General information
Sex : Male
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	01
	cont. Animal	28

Microscopic findings

Kidneys

Tubules, basophilic, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

	Animal	29
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General information

Sex : Male
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys

Tubules, basophilic, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

	Animal	30
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General information

Sex : Male
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys

Tubules, basophilic, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

.....	Sacrifice	F1
	Sex	M
	Group	01
	Animal	31

General information

Sex : Male
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

.....	Animal	32
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General information

Sex : Male
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, grade 1.
All other organs examined without microscopic findings.

.....	Animal	33
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General information

Sex : Male
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex M
Group 01
cont. Animal 33

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 34

General information

Sex : Male
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
All other organs examined without microscopic findings.

..... Animal 35

General information

Sex : Male
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

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in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex M
Group 01
Animal 36
.....

General information

Sex : Male
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multifocal, unilateral, grade 1.
All other organs examined without microscopic findings.

..... Animal 37
.....

General information

Sex : Male
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 38
.....

General information

Sex : Male
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	01
	cont. Animal	38

Macroscopic findings

Liver
Focus, between left medial lobe and right medial lobe, diameter 3.0 mm, white.
All other organs without macroscopic findings.

Microscopic findings

Liver
Gross lesion(s) evaluated histopathologically.
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Fatty change, (multi)focal, grade 3, correlates to gross lesion Focus.
All other organs examined without microscopic findings.

	Animal	39
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General information

Sex : Male
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

	Animal	40
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General information

Sex : Male
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	01
	cont. Animal	40

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

	Animal	41
--	--------	----

General information
Sex : Male
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

Macroscopic findings
General Observations
No offspring.
Kidneys
Retraction, right side, few (2-5), to diameter 2.0 mm.
All other organs without macroscopic findings.

Microscopic findings
General Observations
Histopathologic evaluation of gross lesion(s) will not be performed.
Kidneys
Gross lesion(s) evaluated histopathologically.
Eosinophilic droplets in tubular epithelial cells, grade 4.
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
Scar(s), cortical, unilateral, correlates to gross lesion Retraction.
Pituitary gland
Hyperplasia, pars distalis, (multi)focal.
Prostate
Inflammation, chronic, grade 3.
All other organs examined without microscopic findings.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex M
Group 01
Animal 42

General information

Sex : Male
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Glandular stomach
Erosion/ulcer.
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

..... Animal 43

General information

Sex : Male
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

..... Animal 44

General information

Sex : Male
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F0 GENERATION, PARENTAL ANIMALS

.....	Sacrifice	F1
	Sex	M
	Group	01
	cont. Animal	44

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys

Tubules, basophilic, (multi)focal, unilateral, grade 2.

Infiltration, lymphoid cell, (multi)focal, grade 1.

Cyst(s), unilateral.

All other organs examined without microscopic findings.

.....	Animal	45
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General information

Sex : Male

Group : 01 (20 mg/kg)

Sacrifice : F0 Generation, parental animals

Necropsy status : Planned sacrifice

Date of death : 29.Nov.2017

107 days after start of exposure

1 day after end of exposure

Macroscopic findings

General Observations

No offspring.

Kidneys

Retraction, left side, few (2-5), to diameter 2.0 mm.

All other organs without macroscopic findings.

Microscopic findings

General Observations

Histopathologic evaluation of gross lesion(s) will not be performed.

Forestomach

Inflammation, (multi)focal, grade 1.

Kidneys

Gross lesion(s) evaluated histopathologically.

Tubules, basophilic, (multi)focal, grade 1.

Cast, tubular, unilateral, grade 1.

Infiltration, lymphoid cell, (multi)focal, grade 1.

Scar(s), cortical, unilateral, correlates to gross lesion Retraction.

Prostate

Inflammation, purulent, grade 2.

All other organs examined without microscopic findings.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex M
Group 01
Animal 46
.....

General information

Sex : Male
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Glandular stomach
Hyperemia, (multi)focal, grade 1.
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
All other organs examined without microscopic findings.

Animal 47
.....

General information

Sex : Male
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, grade 1.
All other organs examined without microscopic findings.

Animal 48
.....

General information

Sex : Male
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

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PATHOLOGY REPORT

IIC 68/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

06.Feb.2019 HAMA

SINGLE ANIMAL SHEET

F0 GENERATION, PARENTAL ANIMALS

-----	Sacrifice	F1
	Sex	M
	Group	01
	cont. Animal	48
.....		

Macroscopic findings

Liver

Enlarged.

All other organs without macroscopic findings.

Microscopic findings

Kidneys

Tubules, basophilic, (multi)focal, grade 2.

Cyst(s), unilateral.

Liver

No histopathologic correlate to gross lesion(s).

Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.

Fatty change, (multi)focal, grade 3.

All other organs examined without microscopic findings.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	02
	Animal	49

General information

Sex : Male
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multifocal, grade 2.
All other organs examined without microscopic findings.

Animal 50

General information

Sex : Male
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal 51

General information

Sex : Male
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex M
Group 02
cont. Animal 51

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 52

General information

Sex : Male
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Forestomach
Inflammation, (multi)focal, grade 2.
Erosion/ulcer.
All other organs examined without microscopic findings.

..... Animal 53

General information

Sex : Male
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	02
	Animal	54

General information

Sex : Male
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, grade 3.
* Grade 1 in contralateral organ.
All other organs examined without microscopic findings.

	Animal	55
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General information

Sex : Male
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

Macroscopic findings

Glandular stomach
Focus, few (2-5) to diameter 2.0 mm, organlike color.
All other organs without macroscopic findings.

Microscopic findings

Glandular stomach
No histopathologic correlate to gross lesion(s). No histopathologic finding noted.
Kidneys
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex M
Group 02
Animal 56
.....

General information

Sex : Male
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

..... Animal 57

General information

Sex : Male
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 3.
Infiltration, lymphoid cell, (multi)focal, grade 1.
All other organs examined without microscopic findings.

..... Animal 58

General information

Sex : Male
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 73/556
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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	02
	cont. Animal	58

Macroscopic findings
Animal without particular findings.

Microscopic findings
Forestomach
Inflammation, (multi)focal, grade 1.
Kidneys
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
Inflammation, (multi)focal, pelvic epithelium, unilateral, grade 1.
All other organs examined without microscopic findings.

	Animal	59
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General information
Sex : Male
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Hyperplasia, transitional cell, diffuse, unilateral, grade 1.
All other organs examined without microscopic findings.

	Animal	60
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General information
Sex : Male
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex M
Group 02
cont. Animal 60

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Infiltration, lymphoid cell, (multi)focal, grade 1.
All other organs examined without microscopic findings.

..... Animal 61

General information
Sex : Male
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

Macroscopic findings
Liver
Focus, right medial lobe, diameter 4.0 mm, white.
All other organs without macroscopic findings.

Microscopic findings
Glandular stomach
Dilation, glands, grade 1.
Hyperemia, (multi)focal, grade 1.
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Liver
Gross lesion(s) evaluated histopathologically.
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.
Necrosis, (multi)focal, grade 3, correlates to gross lesion Focus.
All other organs examined without microscopic findings.

..... Animal 62

General information
Sex : Male
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	02
	cont. Animal	62

Macroscopic findings

Kidneys
Pelvic dilation, unilateral, right side.
All other organs without macroscopic findings.

Microscopic findings

Kidneys
Unilaterally investigated or present. Gross lesion(s) evaluated histopathologically.
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Cast, tubular, unilateral, grade 1.
Dilation, renal pelvis, unilateral, grade 3, correlates to gross lesion
Pelvic dilation.
All other organs examined without microscopic findings.

	Animal	63
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General information

Sex : Male
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, grade 1.
All other organs examined without microscopic findings.

	Animal	64
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General information

Sex : Male
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 76/556
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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex M
Group 02
cont. Animal 64

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
All other organs examined without microscopic findings.

..... Animal 65

General information
Sex : Male
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

Macroscopic findings
Glandular stomach
Focus, diameter 2.0 mm, red.
Kidneys
Retraction, left side, diameter 2.0 mm.
All other organs without macroscopic findings.

Microscopic findings
Glandular stomach
Gross lesion(s) evaluated histopathologically.
Erosion/ulcer, correlates to gross lesion Focus.
Kidneys
Gross lesion(s) evaluated histopathologically.
Infiltration, lymphoid cell, (multi)focal, grade 2.
Scar(s), cortical, unilateral, correlates to gross lesion Retraction.
All other organs examined without microscopic findings.

..... Animal 66

General information
Sex : Male
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

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90R0066/05R034
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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex M
Group 02
cont. Animal 66

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
All other organs examined without microscopic findings.

..... Animal 67

General information
Sex : Male
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Forestomach
Inflammation, (multi)focal, grade 1.
Glandular stomach
Dilation, glands, grade 1.
Inflammation, (multi)focal, grade 1.
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Cast, tubular, unilateral, grade 1.
No other organs examined.

..... Animal 68

General information
Sex : Male
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex M
Group 02
cont. Animal 68

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal,
unilateral, grade 1.
Tubules, basophilic, (multi)focal, grade 1.
All other organs examined without microscopic findings.

..... Animal 69

General information
Sex : Male
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 70

General information
Sex : Male
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex M
Group 02
cont. Animal 70

Microscopic findings

Kidneys

Tubules, basophilic, (multi)focal, unilateral, grade 1.
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

----- Animal 71

General information

Sex : Male
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

Macroscopic findings

Glandular stomach

Focus, diameter 1.0 mm, black, finding was noted during trimming.
All other organs without macroscopic findings.

Microscopic findings

Glandular stomach

Gross lesion(s) evaluated histopathologically.
Erosion/ulcer, correlates to gross lesion Focus.

Kidneys

Tubules, basophilic, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

----- Animal 72

General information

Sex : Male
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F0 GENERATION, PARENTAL ANIMALS

.....	Sacrifice	F1
	Sex	M
	Group	02
	cont. Animal	72

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys

Tubules, basophilic, (multi)focal, unilateral, grade 1.

Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.

All other organs examined without microscopic findings.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex M
Group 03
Animal 73
.....

General information

Sex : Male
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Nuclear crowding, grade 1.
Tubules, basophilic, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Peri-/vasculitis, grade 1.
Parathyroid glands
Unilaterally investigated or present. No histopathologic findings noted.
Prostate
Inflammation, purulent, grade 1.
All other organs examined without microscopic findings.

..... Animal 74

General information

Sex : Male
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

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SINGLE ANIMAL SHEET

F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	03
	cont. Animal	74

Microscopic findings

Cecum

Inflammatory cell infiltrates, (multi)focal, grade 1.

Ductus deferens

Atrophy, diffuse, unilateral, grade 3.

Glandular stomach

Erosion/ulcer.

Kidneys

Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.

Nuclear crowding, unilateral, grade 1.

Tubules, basophilic, (multi)focal, unilateral, grade 1.

Left testicle

Multinucleated giant cells, grade 1.

Liver

Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.

Peri-/vasculitis, grade 1.

Pancreas

Inflammation, (multi)focal, grade 1.

Pigment storage, grade 1.

Prostate

Inflammation, purulent, grade 1.

Spleen

Hematopoiesis, extramedullary, (multi)focal, grade 1.

All other organs examined without microscopic findings.

	Animal	75
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General information

Sex : Male

Group : 03 (180 mg/kg)

Sacrifice : F0 Generation, parental animals

Necropsy status : Planned sacrifice

Date of death : 27.Nov.2017

105 days after start of exposure

1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys

Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.

Nuclear crowding, grade 1.

Tubules, basophilic, (multi)focal, grade 1.

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SINGLE ANIMAL SHEET

F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	03
	cont. Animal	75
.....		
Left testicle		
Degeneration, tubular, (multi)focal, grade 1.		
Liver		
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.		
Prostate		
Inflammation, purulent, grade 2.		
All other organs examined without microscopic findings.		
	Animal	76
.....		
General information		
Sex	: Male	
Group	: 03 (180 mg/kg)	
Sacrifice	: F0 Generation, parental animals	
Necropsy status	: Planned sacrifice	
Date of death	: 27.Nov.2017	
	105 days after start of exposure	
	1 day after end of exposure	
Macroscopic findings		
Animal without particular findings.		
Microscopic findings		
Adrenal cortex		
Hypertrophy, zona fasciculata, (multi)focal, unilateral.		
Colon		
Parasite(s) in lumen.		
Ductus deferens		
Atrophy, diffuse, unilateral, grade 1.		
Heart		
Necrosis/ fibrosis, myocardial, (multi)focal, grade 2.		
Jejunum		
Parasite in lumen.		
Kidneys		
Mineralization, at transition outer to inner medulla, (multi)focal, grade 2.		
* Grade 1 in contralateral organ.		
Nuclear crowding, grade 1.		
Cast, tubular, unilateral, grade 1.		
Liver		
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.		
Pancreas		
Inflammation, (multi)focal, grade 1.		
Prostate		
Inflammation, chronic, grade 2.		

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SINGLE ANIMAL SHEET

F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	03
	cont. Animal	76

Rectum

Parasite(s) in lumen.

All other organs examined without microscopic findings.

Animal	77
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General information

Sex	: Male
Group	: 03 (180 mg/kg)
Sacrifice	: F0 Generation, parental animals
Necropsy status	: Planned sacrifice
Date of death	: 27.Nov.2017
	105 days after start of exposure
	1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Colon

Parasite(s) in lumen.

Glandular stomach

Dilation, glands, grade 1.

Inflammation, (multi)focal, grade 1.

Kidneys

Mineralization, at transition outer to inner medulla, (multi)focal,
unilateral, grade 2.

Nuclear crowding, grade 1.

Tubules, basophilic, (multi)focal, unilateral, grade 1.

Liver

Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.

Mesenteric lymph nodes

Sinus histiocytosis, grade 2.

Pancreas

Inflammation, (multi)focal, grade 1.

Rectum

Parasite(s) in lumen.

Spleen

Pigment storage, grade 1.

All other organs examined without microscopic findings.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

.....	Sacrifice	F1
.....	Sex	M
.....	Group	03
.....	Animal	78

General information

Sex : Male
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Heart
Necrosis/ fibrosis, myocardial, (multi)focal, grade 1.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 2.
Nuclear crowding, grade 1.
Tubules, basophilic, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 2.
Mammary gland
Atrophy.
Mammary gland fat pad
Atrophy.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 2.
All other organs examined without microscopic findings.

.....	Animal	79
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General information

Sex : Male
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	03
	cont. Animal	79

Macroscopic findings
Animal without particular findings.

Microscopic findings
Heart
Necrosis/ fibrosis, myocardial, (multi)focal, grade 1.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Pituitary gland
Cyst(s), in pars intermedia.
All other organs examined without microscopic findings.

	Animal	80
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General information
Sex : Male
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

Macroscopic findings
Glandular stomach
Focus, diameter 1.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings
Glandular stomach
Gross lesion(s) evaluated histopathologically.
Erosion/ulcer, correlates to gross lesion Focus.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 2.
Nuclear crowding, grade 2.
Tubules, basophilic, (multi)focal, grade 1.
Dilation, tubular, grade 2.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Focus of cellular alteration.
- Eosinophilic focus.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex M
Group 03
cont. Animal 80

Peyers patch
Inflammation, (multi)focal, crypt, grade 1.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 1.
All other organs examined without microscopic findings.

Animal 81

General information

Sex : Male
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Cecum
Parasite(s) in lumen.
Colon
Parasite(s) in lumen.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Nuclear crowding, grade 1.
Tubules, basophilic, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Pituitary gland
Cyst(s), in pars intermedia.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 2.
Pigment storage, grade 1.
All other organs examined without microscopic findings.

Animal 82

General information

Sex : Male
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 27.Nov.2017
105 days after start of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex M
Group 03
cont. Animal 82
.....
1 day after end of exposure

Macroscopic findings

Kidneys
Enlarged.
Discoloration, light brown.
All other organs without macroscopic findings.

Microscopic findings

Glandular stomach
Dilation, glands, grade 1.
Inflammation, (multi)focal, grade 1.
Kidneys
Gross lesion(s) evaluated histopathologically.
Nuclear crowding, grade 2.
Tubules, basophilic, (multi)focal, grade 1.
Dilation, tubular, grade 2, correlates to gross lesion Enlarged.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Peyers patch
Inflammation, (multi)focal, crypt, grade 1.
Prostate
Inflammation, purulent, grade 1.
Rectum
Parasite(s) in lumen.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 1.
All other organs examined without microscopic findings.

..... Animal 83

General information

Sex : Male
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

.....	Sacrifice	F1
	Sex	M
	Group	03
	cont. Animal	83

Macroscopic findings

General Observations
No offspring.
Eyes with optic nerve
Cloudiness of cornea, right side.
All other organs without macroscopic findings.

Microscopic findings

General Observations
Histopathologic evaluation of gross lesion(s) will not be performed.
Ductus deferens
Dilation, unilateral.
Eyes with optic nerve
Gross lesion(s) evaluated histopathologically.
Degeneration, retinal, diffuse, unilateral, grade 5, correlates to gross lesion Cloudiness of cornea.
Degeneration, lenticular, unilateral, grade 3, correlates to gross lesion Cloudiness of cornea.
Inflammation, diffuse, unilateral, grade 3, correlates to gross lesion Cloudiness of cornea.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 2.
Nuclear crowding, grade 2.
Tubules, basophilic, (multi)focal, grade 1.
Left epididymis
Infiltration, lymphoid cell, (multi)focal, grade 1.
Pituitary gland
Dilation of Rathke's cleft.
All other organs examined without microscopic findings.

.....	Animal	84
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General information

Sex : Male
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

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F0 GENERATION, PARENTAL ANIMALS

.....	Sacrifice	F1
	Sex	M
	Group	03
	cont. Animal	84

Macroscopic findings

Kidneys
Enlarged.
All other organs without macroscopic findings.

Microscopic findings

Axillary lymph nodes
Unilaterally investigated or present. No histopathologic findings noted.
Kidneys
Gross lesion(s) evaluated histopathologically.
Mineralization, at transition outer to inner medulla, (multi)focal, grade 4.
Nuclear crowding, grade 3.
Tubules, basophilic, (multi)focal, grade 1.
Dilation, tubular, grade 1, correlates to gross lesion Enlarged.
Left testicle
Degeneration, tubular, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Lungs
Osseous metaplasia, (multi)focal.
Histiocytosis, alveolar, (multi)focal, grade 1.
Pancreas
Inflammation, (multi)focal, grade 1.
Pituitary gland
Hyperplasia, pars distalis, (multi)focal.
Prostate
Inflammation, purulent, grade 1.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 3.
Pigment storage, grade 2.
All other organs examined without microscopic findings.

.....	Animal	85
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General information

Sex : Male
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

.....	Sacrifice	F1
.....	Sex	M
.....	Group	03
.....	cont. Animal	85

Macroscopic findings
Animal without particular findings.

Microscopic findings
Eyes with optic nerve
Degeneration, retinal, focal, unilateral, grade 1.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 2.
Nuclear crowding, grade 1.
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Prostate
Inflammation, purulent, grade 3.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 1.
All other organs examined without microscopic findings.

.....	Animal	86
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General information
Sex : Male
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Heart
Necrosis/ fibrosis, myocardial, (multi)focal, grade 2.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Nuclear crowding, grade 2.
Tubules, basophilic, (multi)focal, unilateral, grade 2.
Dilation, tubular, grade 2.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 2.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex M
Group 03
cont. Animal 86
.....
Spleen
Pigment storage, grade 1.
All other organs examined without microscopic findings.

..... Animal 87
.....
General information
Sex : Male
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

Macroscopic findings
Kidneys
Enlarged.
All other organs without macroscopic findings.

Microscopic findings
Kidneys
Gross lesion(s) evaluated histopathologically.
Mineralization, at transition outer to inner medulla, (multi)focal,
unilateral, grade 1.
Nuclear crowding, grade 2.
Tubules, basophilic, (multi)focal, grade 1.
Cast, tubular, grade 1.
Dilation, tubular, grade 2, correlates to gross lesion Enlarged.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 1.
All other organs examined without microscopic findings.

..... Animal 88
.....
General information
Sex : Male
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	03
	cont. Animal	88

Macroscopic findings

Kidneys
Enlarged.
All other organs without macroscopic findings.

Microscopic findings

Heart
Necrosis/ fibrosis, myocardial, (multi)focal, grade 1.
Kidneys
Gross lesion(s) evaluated histopathologically.
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Nuclear crowding, grade 2.
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Dilation, tubular, grade 1, correlates to gross lesion Enlarged.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Pituitary gland
Hyperplasia, pars distalis, (multi)focal.
Prostate
Inflammation, chronic, grade 1.
Seminal vesicle
Infiltration, lymphoid cell, (multi)focal, grade 1.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 2.
Pigment storage, grade 1.
All other organs examined without microscopic findings.

	Animal	89
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General information

Sex : Male
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	03
	cont. Animal	89

Microscopic findings

Kidneys

Mineralization, at transition outer to inner medulla, (multi)focal, grade 2.
Nuclear crowding, grade 2.
Tubules, basophilic, (multi)focal, grade 1.
Dilation, tubular, grade 1.

Liver

Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.

All other organs examined without microscopic findings.

	Animal	90
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General information

Sex : Male
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 28.Nov.2017
106 days after start of exposure
1 day after end of exposure

Macroscopic findings

Cecum

Enlarged.

Glandular stomach

Focus, diameter 2.0 mm, red.

Kidneys

Enlarged.

All other organs without macroscopic findings.

Microscopic findings

Cecum

No histopathologic correlate to gross lesion(s). No histopathologic finding noted.

Colon

Parasite(s) in lumen.

Glandular stomach

No histopathologic correlate to gross lesion(s).

Dilation, glands, grade 1.

Kidneys

Gross lesion(s) evaluated histopathologically.

Mineralization, at transition outer to inner medulla, (multi)focal,
unilateral, grade 1.

Nuclear crowding, grade 3.

Tubules, basophilic, (multi)focal, grade 1.

Dilation, tubular, grade 2, correlates to gross lesion Enlarged.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	03
	cont. Animal	90

.....

Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.

Prostate
Inflammation, purulent, grade 1.

Rectum
Parasite(s) in lumen.

Spleen
Pigment storage, grade 1.

Thymus
Cyst(s).

All other organs examined without microscopic findings.

.....

	Animal	91
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.....

General information

Sex : Male

Group : 03 (180 mg/kg)

Sacrifice : F0 Generation, parental animals

Necropsy status : Planned sacrifice

Date of death : 28.Nov.2017

106 days after start of exposure

1 day after end of exposure

Macroscopic findings

Kidneys
Enlarged.

All other organs without macroscopic findings.

Microscopic findings

Glandular stomach
Dilation, glands, grade 1.

Kidneys
Gross lesion(s) evaluated histopathologically.

Mineralization, at transition outer to inner medulla, (multi)focal,
unilateral, grade 1.

Nuclear crowding, grade 2.

Tubules, basophilic, (multi)focal, grade 1.

Cast, tubular, unilateral, grade 2.

Dilation, tubular, grade 1, correlates to gross lesion Enlarged.

Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.

Rectum
Parasite(s) in lumen.

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F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	03
	cont. Animal	91
.....		
Spleen		
Hematopoiesis, extramedullary, (multi)focal, grade 1.		
Pigment storage, grade 1.		
Thymus		
Hyperplasia, tubules and cords, (multi)focal, grade 1.		
All other organs examined without microscopic findings.		
	Animal	92
.....		
General information		
Sex	: Male	
Group	: 03 (180 mg/kg)	
Sacrifice	: F0 Generation, parental animals	
Necropsy status	: Planned sacrifice	
Date of death	: 29.Nov.2017	
	107 days after start of exposure	
	1 day after end of exposure	
Macroscopic findings		
Animal without particular findings.		
Microscopic findings		
Heart		
Necrosis/ fibrosis, myocardial, (multi)focal, grade 1.		
Kidneys		
Mineralization, at transition outer to inner medulla, (multi)focal, grade 4.		
Nuclear crowding, grade 1.		
Dilation, tubular, grade 1.		
Liver		
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.		
Pancreas		
Inflammation, (multi)focal, grade 1.		
Prostate		
Inflammation, purulent, grade 1.		
Rectum		
Parasite(s) in lumen.		
Spleen		
Hematopoiesis, extramedullary, (multi)focal, grade 3.		
Pigment storage, grade 1.		
All other organs examined without microscopic findings.		

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F0 GENERATION, PARENTAL ANIMALS

.....	Sacrifice	F1
.....	Sex	M
.....	Group	03
.....	Animal	93

General information

Sex : Male
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

Macroscopic findings

Cecum
Enlarged.
All other organs without macroscopic findings.

Microscopic findings

Cecum
No histopathologic correlate to gross lesion(s).
Parasite(s) in lumen.
Kidneys
Nuclear crowding, grade 1.
Dilation, tubular, unilateral, grade 2.
All other organs examined without microscopic findings.

.....	Animal	94
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General information

Sex : Male
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

Macroscopic findings

Cecum
Enlarged.
Liver
Discoloration, light brown.
All other organs without macroscopic findings.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	M
	Group	03
	cont. Animal	94

Microscopic findings

Cecum

No histopathologic correlate to gross lesion(s).
Parasite(s) in lumen.

Kidneys

Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Tubules, basophilic, (multi)focal, grade 1.
Dilation, tubular, unilateral, grade 1.

Liver

Gross lesion(s) evaluated histopathologically.
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Fatty change, (multi)focal, grade 2, correlates to gross lesion
Discoloration.

All other organs examined without microscopic findings.

Animal	95
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General information

Sex : Male
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure
1 day after end of exposure

Macroscopic findings

Kidneys

Retraction, left side, diameter 1.0 mm.
All other organs without macroscopic findings.

Microscopic findings

Kidneys

Gross lesion(s) evaluated histopathologically.
Nuclear crowding, unilateral, grade 1.
Infiltration, lymphoid cell, (multi)focal, grade 1, correlates to gross lesion Retraction.

All other organs examined without microscopic findings.

Animal	96
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General information

Sex : Male
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 29.Nov.2017
107 days after start of exposure

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SINGLE ANIMAL SHEET

F0 GENERATION, PARENTAL ANIMALS

.....	Sacrifice	F1
	Sex	M
	Group	03
	cont. Animal	96
.....		
1 day after end of exposure		

Macroscopic findings

Liver
Granular surface.
Pancreatic lymph node
Enlarged.
All other organs without macroscopic findings.

Microscopic findings

Glandular stomach
Erosion/ulcer.
Heart
Necrosis/ fibrosis, myocardial, (multi)focal, grade 1.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 3.
Nuclear crowding, grade 3.
Tubules, basophilic, (multi)focal, grade 2.
Dilation, tubular, grade 1.
Left epididymis
Infiltration, lymphoid cell, (multi)focal, grade 1.
Liver
Gross lesion(s) evaluated histopathologically.
Necrosis, (multi)focal, grade 4, correlates to gross lesion Granular surface.
Pancreatic lymph node
Gross lesion(s) evaluated histopathologically.
Inflammation, (multi)focal, granulomatous, grade 4, correlates to gross lesion Enlarged.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 3.
Pigment storage, grade 1.
All other organs examined without microscopic findings.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

.....	Sacrifice	F1
.....	Sex	F
.....	Group	00
.....	Animal	101

General information

Sex : Female
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Heart
Necrosis/ fibrosis, myocardial, (multi)focal, grade 1.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Lungs
Histiocytosis, alveolar, (multi)focal, grade 1.
All other organs examined without microscopic findings.

.....	Animal	102
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General information

Sex : Female
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Adrenal cortex
Accessory cortical tissue, unilateral.
Hypertrophy, zona glomerulosa, (multi)focal, grade 2.
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex F
Group 00
cont. Animal 102

Liver

Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.

Focus of cellular alteration.

- Basophilic tigroid focus.

All other organs examined without microscopic findings.

..... Animal 103

General information

Sex : Female
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings

Kidneys

Retraction, right side, diameter 3.0 mm.

All other organs without macroscopic findings.

Microscopic findings

Adrenal cortex

Accessory cortical tissue, unilateral.

Kidneys

No histopathologic correlate to gross lesion(s).

Mineralization, at transition outer to inner medulla, (multi)focal, grade 2.

* Grade 1 in contralateral organ.

Cyst(s), unilateral.

Liver

Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.

All other organs examined without microscopic findings.

..... Animal 104

General information

Sex : Female
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

.....
Sacrifice F1
Sex F
Group 00
cont. Animal 104

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.
Spleen
Pigment storage, grade 2.
All other organs examined without microscopic findings.

..... Animal 105

General information
Sex : Female
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings
General Observations
Not pregnant.
All other organs without macroscopic findings.

Microscopic findings
General Observations
Histopathologic evaluation of gross lesion(s) will not be performed.
Ovaries
Cyst(s), unilateral.
Uterus
Metaplasia, squamous cell, (multi)focal, grade 1.
All other organs examined without microscopic findings.

..... Animal 106

General information
Sex : Female
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	F
	Group	00
	cont. Animal	106

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Spleen
Pigment storage, grade 1.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 1.
All other organs examined without microscopic findings.

	Animal	107
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General information
Sex : Female
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Tubules, basophilic, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Focus of cellular alteration.
- Basophilic tigroid focus.
Lungs
Histiocytosis, alveolar, (multi)focal, grade 1.
Pituitary gland
Dilation of Rathke's cleft.
All other organs examined without microscopic findings.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

.....	Sacrifice	F1
.....	Sex	F
.....	Group	00
.....	Animal	108

General information

Sex : Female
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Spleen
Pigment storage, grade 1.
All other organs examined without microscopic findings.

.....	Animal	109
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General information

Sex : Female
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 2.
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Spleen
Pigment storage, grade 1.
All other organs examined without microscopic findings.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

.....	Sacrifice	F1
.....	Sex	F
.....	Group	00
.....	Animal	110

General information

Sex : Female
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings

Ovaries
Cyst, right side, diameter 3.0 mm.
All other organs without macroscopic findings.

Microscopic findings

Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Tubules, basophilic, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Focus of cellular alteration.
- Basophilic tigroid focus.
Peri-/vasculitis, grade 2.
Ovaries
Gross lesion(s) evaluated histopathologically.
Cyst(s), unilateral, correlates to gross lesion Cyst.
Spleen
Pigment storage, grade 1.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 2.
All other organs examined without microscopic findings.

.....	Animal	111
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General information

Sex : Female
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	F
	Group	00
	cont. Animal	111

Macroscopic findings
Animal without particular findings.

Microscopic findings
Adrenal cortex
Accessory cortical tissue, unilateral.
Heart
Necrosis/ fibrosis, myocardial, (multi)focal, grade 1.
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Cast, tubular, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Pancreas
Inflammation, (multi)focal, grade 1.
Pituitary gland
Dilation of Rathke's cleft.
Spleen
Pigment storage, grade 1.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 3.
Thyroid glands
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

	Animal	112
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General information
Sex : Female
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Mesenteric lymph nodes
Sinus histiocytosis, grade 3.

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F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	F
	Group	00
	cont. Animal	112
.....		
Spleen		
Pigment storage, grade 2.		
Thymus		
Hyperplasia, tubules and cords, (multi)focal, grade 1.		
Cyst(s).		
All other organs examined without microscopic findings.		
	Animal	113
.....		
General information		
Sex	: Female	
Group	: 00 (0 mg/kg)	
Sacrifice	: F0 Generation, parental animals	
Necropsy status	: Planned sacrifice	
Date of death	: 13.Dec.2017	
	121 days after start of exposure	
	1 day after end of exposure	
Macroscopic findings		
Animal without particular findings.		
Microscopic findings		
Glandular stomach		
Inflammation, (multi)focal, grade 1.		
Kidneys		
Mineralization, at transition outer to inner medulla, (multi)focal,		
unilateral, grade 1.		
Liver		
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),		
grade 1.		
Parathyroid glands		
Unilaterally investigated or present. No histopathologic findings noted.		
Pituitary gland		
Dilation of Rathke's cleft.		
Spleen		
Pigment storage, grade 1.		
Thymus		
Hyperplasia, tubules and cords, (multi)focal, grade 1.		
All other organs examined without microscopic findings.		
	Animal	114
.....		
General information		
Sex	: Female	
Group	: 00 (0 mg/kg)	
Sacrifice	: F0 Generation, parental animals	
Necropsy status	: Planned sacrifice	
Date of death	: 14.Dec.2017	
	122 days after start of exposure	

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex F
Group 00
cont. Animal 114
.....
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Cast, tubular, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Parathyroid glands
Unilaterally investigated or present. No histopathologic findings noted.
Peyers patch
Inflammation, (multi)focal, crypt, grade 1.
Pituitary gland
Cyst(s), in pars intermedia.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 1.
All other organs examined without microscopic findings.

..... Animal 115
.....
General information
Sex : Female
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Fatty change, (multi)focal, grade 1.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 2.
All other organs examined without microscopic findings.

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F0 GENERATION, PARENTAL ANIMALS

.....	Sacrifice	F1
.....	Sex	F
.....	Group	00
.....	Animal	116

General information

Sex : Female
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 2.
* Grade 1 in contralateral organ.
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Lungs
Histiocytosis, alveolar, (multi)focal, grade 1.
Pancreas
Inflammation, (multi)focal, grade 1.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 1.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 1.
All other organs examined without microscopic findings.

.....	Animal	117
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General information

Sex : Female
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

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F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	F
	Group	00
	cont. Animal	117

Macroscopic findings
Animal without particular findings.

Microscopic findings
Adrenal cortex
Hypertrophy, zona glomerulosa, (multi)focal, unilateral, grade 2.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 2.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Spleen
Pigment storage, grade 1.
All other organs examined without microscopic findings.

	Animal	118
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General information
Sex : Female
Group : 00 (0 mg/Kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings
Kidneys
Retraction, right side, diameter 2.0 mm.
All other organs without macroscopic findings.

Microscopic findings
Kidneys
Gross lesion(s) evaluated histopathologically.
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Scar(s), cortical, unilateral, correlates to gross lesion Retraction.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Lungs
Histiocytosis, alveolar, (multi)focal, grade 1.
Parathyroid glands
Unilaterally investigated or present. No histopathologic findings noted.
Pituitary gland
Cyst(s), in pars intermedia.
Craniopharyngeal structures, aberrant.
Dilation of Rathke's cleft.

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F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	F
	Group	00
	cont. Animal	118

.....

Spleen
Pigment storage, grade 2.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 2.
All other organs examined without microscopic findings.

	Animal	119
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.....

General information
Sex : Female
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Eyes with optic nerve
Rosette, retinal, unilateral.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal,
unilateral, grade 1.
Infiltration, lymphoid cell, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 2.
Necrosis, (multi)focal, grade 2.
Ovaries
Cyst(s), unilateral.
Pancreas
Inflammation, (multi)focal, grade 1.
Parathyroid glands
Unilaterally investigated or present. No histopathologic findings noted.
Pituitary gland
Hypertrophy, pars intermedia, focal.
Spleen
Pigment storage, grade 1.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 1.
All other organs examined without microscopic findings.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

.....	Sacrifice	F1
.....	Sex	F
.....	Group	00
.....	Animal	120

General information

Sex : Female
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings

Glandular stomach
Focus, diameter 2.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings

Glandular stomach
Gross lesion(s) evaluated histopathologically.
Erosion/ulcer, correlates to gross lesion Focus.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal,
unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.
Spleen
Pigment storage, grade 1.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 1.
All other organs examined without microscopic findings.

.....	Animal	121
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General information

Sex : Female
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex F
Group 00
cont. Animal 121

.....
Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 122

General information

Sex : Female
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings
Glandular stomach
Focus, diameter 2.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings
Glandular stomach
No histopathologic correlate to gross lesion(s). No histopathologic finding noted.
All other organs examined without microscopic findings.

..... Animal 123

General information

Sex : Female
Group : 00 (0 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

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F0 GENERATION, PARENTAL ANIMALS

.....	Sacrifice	F1
	Sex	F
	Group	00
	cont. Animal	123

Microscopic findings

All organs examined without pathologic findings.

.....	Animal	124
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General information

Sex	: Female
Group	: 00 (0 mg/kg)
Sacrifice	: F0 Generation, parental animals
Necropsy status	: Planned sacrifice
Date of death	: 14.Dec.2017
	122 days after start of exposure
	1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Heart	Necrosis/ fibrosis, myocardial, (multi)focal, grade 1.
Kidneys	Proliferation, interstitial cell, focal, unilateral, grade 1.
Liver	Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Pituitary gland	Dilation of Rathke's cleft.
Spleen	Pigment storage, grade 1.
All other organs examined without microscopic findings.	

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex F
Group 01
Animal 125
.....
General information
Sex : Female
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 126
.....
General information
Sex : Female
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings
Glandular stomach
Focus, few (2-5), to diameter 3.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings
Forestomach
Inflammation, (multi)focal, grade 2.
Glandular stomach
Gross lesion(s) evaluated histopathologically.
Erosion/ulcer, correlates to gross lesion Focus.
All other organs examined without microscopic findings.

..... Animal 127
.....
General information
Sex : Female
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Sacrificed moribund
Date of death : 16.Oct.2017
63 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

-----	Sacrifice	F1
	Sex	F
	Group	01
	cont. Animal	127
.....		

Macroscopic findings

Diaphragm
Deposition, white yellow.
Heart
Effusion, content bloody fluid.
Liver lymph node
Enlarged, tissue preserved in cassette.
Lungs
Adhesion, in the region of thoracic cavity.
Deposition, white yellow.
Mediastinal lymph nodes
Enlarged.
Renal lymph nodes
Enlarged, left side, tissue preserved in cassette.
Tracheobronchial lymph nodes
Enlarged.
All other organs without macroscopic findings.

Microscopic findings

Diaphragm
Gross lesion(s) evaluated histopathologically.
Inflammation, (multi)focal, with foreign material, grade 5, correlates to gross lesion Deposition.
Heart
Gross lesion(s) evaluated histopathologically.
Inflammation, pericard, grade 5, correlates to gross lesion Effusion.
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 2.
Necrosis, (multi)focal, grade 3.
Focus of cellular alteration.
Diffuse basophilic focus.
Liver lymph node
Gross lesion(s) evaluated histopathologically.
Histiocytosis, (multi)focal, grade 2, correlates to gross lesion Enlarged.
Hyperplasia, lympho-reticulocellular, grade 2, correlates to gross lesion Enlarged.
Lungs
Gross lesion(s) evaluated histopathologically.
Inflammation, diffuse, pleura, grade 3, correlates to gross lesion Adhesion, in the region of thoracic cavity and Deposition, white yellow.
Mediastinal lymph nodes
Gross lesion(s) evaluated histopathologically.
Inflammation, (multi)focal, with foreign material, grade 4.
Histiocytosis, (multi)focal, grade 3, correlates to gross lesion Enlarged.

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F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	F
	Group	01
	cont. Animal	127

Renal lymph nodes

Unilaterally investigated or present. Gross lesion(s) evaluated histopathologically.

Edema, unilateral, grade 4, correlates to gross lesion Enlarged.

Spleen

Hematopoiesis, extramedullary, (multi)focal, grade 5.

Pigment storage, grade 2.

Tracheobronchial lymph nodes

Gross lesion(s) evaluated histopathologically.

Histiocytosis, (multi)focal, grade 4, correlates to gross lesion Enlarged.

Inflammation, granulomatous, grade 5, correlates to gross lesion Enlarged.

All other organs examined without microscopic findings.

Animal	128
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General information

Sex : Female

Group : 01 (20 mg/kg)

Sacrifice : F0 Generation, parental animals

Necropsy status : Planned sacrifice

Date of death : 14.Dec.2017

122 days after start of exposure

1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal	129
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General information

Sex : Female

Group : 01 (20 mg/kg)

Sacrifice : F0 Generation, parental animals

Necropsy status : Planned sacrifice

Date of death : 14.Dec.2017

122 days after start of exposure

1 day after end of exposure

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F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex F
Group 01
cont. Animal 129

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 130

General information

Sex : Female
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 131

General information

Sex : Female
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 132

General information

Sex : Female
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex F
Group 01
cont. Animal 132
.....
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 133
.....
General information
Sex : Female
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 134
.....
General information
Sex : Female
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings
Kidneys
Retraction, left side, diameter 3.0 mm.
All other organs without macroscopic findings.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex F
Group 01
cont. Animal 134

Microscopic findings

Kidneys

Unilaterally investigated or present. Gross lesion(s) evaluated histopathologically.
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1, correlates to gross lesion Retraction.
All other organs examined without microscopic findings.

..... Animal 135

General information

Sex : Female
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 136

General information

Sex : Female
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex F
Group 01
Animal 137

General information

Sex : Female
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 138

General information

Sex : Female
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 139

General information

Sex : Female
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	F
	Group	01
	cont. Animal	139

Macroscopic findings

Kidneys
Retraction, diameter 2.0 mm, few (2-5).
All other organs without macroscopic findings.

Microscopic findings

Kidneys
Gross lesion(s) evaluated histopathologically.
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Tubules, basophilic, (multi)focal, grade 1.
Cyst(s), unilateral, correlates to gross lesion Retraction.
All other organs examined without microscopic findings.

	Animal	140
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General information

Sex : Female
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

	Animal	141
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General information

Sex : Female
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex F
Group 01
cont. Animal 141

.....
Macroscopic findings
General Observations
Not pregnant.
All other organs without macroscopic findings.

Microscopic findings
General Observations
Histopathologic evaluation of gross lesion(s) will not be performed.
Adrenal cortex
Accessory cortical tissue, unilateral.
All other organs examined without microscopic findings.

..... Animal 142

General information
Sex : Female
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 143

General information
Sex : Female
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex F
Group 01
cont. Animal 143

Microscopic findings
All organs examined without pathologic findings.

..... Animal 144

General information

Sex : Female
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings

Kidneys
Retraction, few (2-5), to diameter 2.0 mm.
All other organs without macroscopic findings.

Microscopic findings

Kidneys
Gross lesion(s) evaluated histopathologically.
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Tubules, basophilic, (multi)focal, grade 1.
Scar(s), cortical, unilateral, correlates to gross lesion Retraction.
All other organs examined without microscopic findings.

..... Animal 145

General information

Sex : Female
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings

General Observations
Not pregnant.
All other organs without macroscopic findings.

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F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex F
Group 01
cont. Animal 145

Microscopic findings

General Observations

Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

..... Animal 146

General information

Sex : Female
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 147

General information

Sex : Female
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 148

General information

Sex : Female
Group : 01 (20 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

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F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	F
	Group	01
	cont. Animal	148

.....

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex F
Group 02
Animal 149
.....
General information
Sex : Female
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 150
.....
General information
Sex : Female
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 151
.....
General information
Sex : Female
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex F
Group 02
cont. Animal 151

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 152

General information

Sex : Female
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 153

General information

Sex : Female
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings
Adrenal cortex
Focus, right side, black, diameter 2.0 mm.
All other organs without macroscopic findings.

Microscopic findings
Adrenal cortex
Unilaterally investigated or present. Gross lesion(s) evaluated histopathologically.
Degeneration, cystic, unilateral, grade 4, correlates to gross lesion Focus.
All other organs examined without microscopic findings.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex F
Group 02
Animal 154
.....
General information
Sex : Female
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 155
.....
General information
Sex : Female
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 156
.....
General information
Sex : Female
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
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F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex F
Group 02
cont. Animal 156
.....

Macroscopic findings

Kidneys
Retraction, right side, diameter 2.0 mm.
All other organs without macroscopic findings.

Microscopic findings

Kidneys
Unilaterally investigated or present. Gross lesion(s) evaluated histopathologically.
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
Scar(s), cortical, unilateral, correlates to gross lesion Retraction.
All other organs examined without microscopic findings.

..... Animal 157

General information

Sex : Female
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings

Kidneys
Pelvic dilation, unilateral, right side, diameter 2.0 mm.
All other organs without macroscopic findings.

Microscopic findings

Kidneys
Unilaterally investigated or present. Gross lesion(s) evaluated histopathologically.
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
Cyst(s), unilateral.
Scar(s), cortical, unilateral, correlates to gross lesion Pelvic dilation.
All other organs examined without microscopic findings.

..... Animal 158

General information

Sex : Female
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
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1 day after end of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex F
Group 02
cont. Animal 158

Macroscopic findings

Liver
Focus, left lateral lobe, diameter 3.0 mm, dark brown.
All other organs without macroscopic findings.

Microscopic findings

Liver
Gross lesion(s) evaluated histopathologically.
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.
Necrosis, (multi)focal, grade 3, correlates to gross lesion Focus.
All other organs examined without microscopic findings.

..... Animal 159

General information

Sex : Female
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 160

General information

Sex : Female
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
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1 day after end of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex F
Group 02
cont. Animal 160

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 161

General information

Sex : Female
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 162

General information

Sex : Female
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 163

General information

Sex : Female
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex F
Group 02
cont. Animal 163
.....
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 164
.....
General information
Sex : Female
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 165
.....
General information
Sex : Female
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

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F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex F
Group 02
Animal 166
.....
General information
Sex : Female
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 167
.....
General information
Sex : Female
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 168
.....
General information
Sex : Female
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex F
Group 02
cont. Animal 168

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 169

General information

Sex : Female
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 170

General information

Sex : Female
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 171

General information

Sex : Female
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

Sacrifice F1
Sex F
Group 02
cont. Animal 171
.....
1 day after end of exposure

Macroscopic findings

Kidneys
Retraction, left side, few (2-5) to diameter 2.0 mm.
All other organs without macroscopic findings.

Microscopic findings

Kidneys
Unilaterally investigated or present. No histopathologic correlate to gross lesion(s).
Mineralization, at transition outer to inner medulla, (multi)focal, unilateral, grade 2.
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

..... Animal 172

General information

Sex : Female
Group : 02 (60 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	F
	Group	03
	Animal	173

General information

Sex : Female
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Heart
(Peri-)vasculitis, (multi)focal, grade 1.
Kidneys
Mineralization, papilla, (multi)focal, unilateral, grade 1.
Infiltration, lymphoid cell, (multi)focal, grade 1.
Liver
Necrosis, (multi)focal, grade 2.
Pituitary gland
Dilation of Rathke's cleft.
All other organs examined without microscopic findings.

	Animal	174
--	--------	-----

General information

Sex : Female
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.
Necrosis, (multi)focal, grade 1.
Rectum
Parasite(s) in lumen.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex F
Group 03
cont. Animal 174

Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 2.
All other organs examined without microscopic findings.

..... Animal 175

General information

Sex : Female
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 3.
Tubules, basophilic, (multi)focal, grade 1.
Cast, tubular, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Parathyroid glands
Unilaterally investigated or present. No histopathologic findings noted.
Pituitary gland
Dilation of Rathke's cleft.
Spleen
Pigment storage, grade 1.
All other organs examined without microscopic findings.

..... Animal 176

General information

Sex : Female
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
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1 day after end of exposure

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F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	F
	Group	03
	cont. Animal	176

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 2.
* Grade 1 in contralateral organ.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.
Pancreas
Inflammation, (multi)focal, grade 1.
Parathyroid glands
Unilaterally investigated or present. No histopathologic findings noted.
Pituitary gland
Dilation of Rathke's cleft.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 1.
All other organs examined without microscopic findings.

	Animal	177
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General information
Sex : Female
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Cecum
Parasite(s) in lumen.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 2.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex F
Group 03
cont. Animal 177
.....
Pituitary gland
Dilation of Rathke's cleft.
Rectum
Parasite(s) in lumen.
Spleen
Pigment storage, grade 1.
All other organs examined without microscopic findings.

..... Animal 178
.....
General information
Sex : Female
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Adrenal cortex
Degeneration, cystic, unilateral, grade 2.
Axillary lymph nodes
Sinus histiocytosis, grade 2.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Tubules, basophilic, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Uterus
Inflammation, (multi)focal, grade 3.
All other organs examined without microscopic findings.

..... Animal 179
.....
General information
Sex : Female
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

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F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	F
	Group	03
	cont. Animal	179

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Tension lipidosis.
Parathyroid glands
Unilaterally investigated or present. No histopathologic findings noted.
Spleen
Pigment storage, grade 2.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 1.
All other organs examined without microscopic findings.

	Animal	180
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General information
Sex : Female
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Tubules, basophilic, (multi)focal, grade 1.
Cast, tubular, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Thymus
Cyst(s).
All other organs examined without microscopic findings.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

.....	Sacrifice	F1
.....	Sex	F
.....	Group	03
.....	Animal	181

General information

Sex : Female
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Heart
Necrosis/ fibrosis, myocardial, (multi)focal, grade 1.
(Peri-)vasculitis, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 2.
Pancreas
Inflammation, (multi)focal, grade 1.
All other organs examined without microscopic findings.

.....	Animal	182
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General information

Sex : Female
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Cecum
Parasite(s) in lumen.
Glandular stomach
Metaplasia, basal cell, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.
Tension lipidosis.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex F
Group 03
cont. Animal 182
.....
Spleen
Pigment storage, grade 1.
All other organs examined without microscopic findings.

..... Animal 183
.....
General information
Sex : Female
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings
General Observations
Not pregnant.
All other organs without macroscopic findings.

Microscopic findings
General Observations
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

..... Animal 184
.....
General information
Sex : Female
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 2.
* Grade 1 in contralateral organ.
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	F
	Group	03
	cont. Animal	184

.....

Tension lipidosis.
Ovaries
Cyst(s), unilateral.
Spleen
Pigment storage, grade 4.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 1.
All other organs examined without microscopic findings.

.....

	Animal	185
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.....

General information

Sex : Female
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings

Kidneys
Cyst, right side, diameter 3.0 mm.
All other organs without macroscopic findings.

Microscopic findings

Kidneys
Gross lesion(s) evaluated histopathologically.
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Tubules, basophilic, (multi)focal, grade 1.
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
Cyst(s), unilateral, correlates to gross lesion Cyst.

Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Necrosis, (multi)focal, grade 2.

Lungs
Histiocytosis, alveolar, (multi)focal, grade 1.

Pituitary gland
Dilation of Rathke's cleft.

Rectum
Parasite(s) in lumen.

Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 1.
All other organs examined without microscopic findings.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	F
	Group	03
	Animal	186

General information

Sex : Female
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Glandular stomach
Inflammation, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Parathyroid glands
Unilaterally investigated or present. No histopathologic findings noted.
Pituitary gland
Hyperplasia, pars distalis, (multi)focal.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 1.
All other organs examined without microscopic findings.

	Animal	187
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General information

Sex : Female
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Cecum
Inflammatory cell infiltrates, (multi)focal, grade 1.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Tubules, basophilic, (multi)focal, grade 1.
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	F
	Group	03
	cont. Animal	187
.....		
Liver		
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),		
grade 1.		
Lungs		
Histiocytosis, alveolar, (multi)focal, grade 2.		
Spleen		
Pigment storage, grade 1.		
Thymus		
Hyperplasia, tubules and cords, (multi)focal, grade 1.		
All other organs examined without microscopic findings.		
	Animal	188
.....		

General information

Sex : Female
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings

Liver
Adhesion, left lateral lobe and left medial lobe and right medial lobe.
All other organs without macroscopic findings.

Microscopic findings

Colon
Parasite(s) in lumen.
Liver
Gross lesion(s) evaluated histopathologically.
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.
Focus of cellular alteration.
- Basophilic tigroid focus.
Fibrosis, capsule, with inflammation, grade 2, correlates to gross lesion
Adhesion.
Spleen
Pigment storage, grade 1.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 1.
All other organs examined without microscopic findings.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

.....	Sacrifice	F1
.....	Sex	F
.....	Group	03
.....	Animal	189

General information

Sex : Female
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Tubules, basophilic, (multi)focal, grade 1.
Infiltration, lymphoid cell, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Lungs
Histiocytosis, alveolar, (multi)focal, grade 1.
Pancreas
Inflammation, (multi)focal, grade 3.
Pituitary gland
Dilation of Rathke's cleft.
Spleen
Pigment storage, grade 1.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 1.
All other organs examined without microscopic findings.

.....	Animal	190
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General information

Sex : Female
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

.....	Sacrifice	F1
.....	Sex	F
.....	Group	03
.....	cont. Animal	190

Macroscopic findings
Animal without particular findings.

Microscopic findings

Kidneys

Mineralization, at transition outer to inner medulla, (multi)focal, unilateral, grade 1.

Tubules, basophilic, (multi)focal, unilateral, grade 1.

Liver

Tension lipidosis.

Pituitary gland

Dilation of Rathke's cleft.

Spleen

Pigment storage, grade 2.

Thymus

Hyperplasia, tubules and cords, (multi)focal, grade 3.

All other organs examined without microscopic findings.

.....	Animal	191
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General information

Sex : Female

Group : 03 (180 mg/kg)

Sacrifice : F0 Generation, parental animals

Necropsy status : Planned sacrifice

Date of death : 13.Dec.2017

121 days after start of exposure

1 day after end of exposure

Macroscopic findings

Adipose tissue

Focus, diameter 6.0 mm, yellow, tissue preserved in cassette.

All other organs without macroscopic findings.

Microscopic findings

Adipose tissue

Gross lesion(s) evaluated histopathologically.

Necrosis, (multi)focal, grade 4, correlates to gross lesion Focus.

Kidneys

Mineralization, at transition outer to inner medulla, (multi)focal, grade 2.

Tubules, basophilic, (multi)focal, grade 1.

Infiltration, lymphoid cell, (multi)focal, grade 1.

Liver

Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

..... Sacrifice F1
Sex F
Group 03
cont. Animal 191

Parathyroid glands
Unilaterally investigated or present. No histopathologic findings noted.
Spleen
Pigment storage, grade 1.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 2.
All other organs examined without microscopic findings.

..... Animal 192

General information

Sex : Female
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 2.
* Grade 1 in contralateral organ.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.
Peyers patch
Inflammation, (multi)focal, crypt, grade 1.
Pituitary gland
Dilation of Rathke's cleft.
Spleen
Pigment storage, grade 1.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 1.
All other organs examined without microscopic findings.

..... Animal 193

General information

Sex : Female
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

.....	Sacrifice	F1
	Sex	F
	Group	03
	cont. Animal	193

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

.....	Animal	194
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General information

Sex : Female
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

.....	Animal	195
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General information

Sex : Female
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 13.Dec.2017
121 days after start of exposure
1 day after end of exposure

Macroscopic findings
Kidneys
Pelvic dilation, unilateral, right side.
All other organs without macroscopic findings.

Microscopic findings
Kidneys
Unilaterally investigated or present. Gross lesion(s) evaluated histopathologically.
Mineralization, at transition outer to inner medulla, (multi)focal, unilateral, grade 3.
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Dilation, renal pelvis, unilateral, grade 3, correlates to gross lesion
Pelvic dilation.

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SINGLE ANIMAL SHEET
F0 GENERATION, PARENTAL ANIMALS

	Sacrifice	F1
	Sex	F
	Group	03
	cont. Animal	195
.....		
All other organs examined without microscopic findings.		
	Animal	196
.....		

General information

Sex : Female
Group : 03 (180 mg/kg)
Sacrifice : F0 Generation, parental animals
Necropsy status : Planned sacrifice
Date of death : 14.Dec.2017
122 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, unilateral, grade 1.
Tubules, basophilic, (multi)focal, unilateral, grade 2.
Cast, tubular, unilateral, grade 2.

Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 2.

Pancreas
Inflammation, (multi)focal, grade 1.

Pituitary gland
Dilation of Rathke's cleft.

Spleen
Pigment storage, grade 2.

Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 1.

All other organs examined without microscopic findings.

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	M					
Group	10					
	Term. body weight g	Adrenal glands mg	Axillary lymph n. mg	Brain g	Cauda epididymis g	Epididy- mides g
M	455.095	65.0	130.4	2.219	0.493	1.167
SD	35.552	7.861	36.265	0.104	0.051	0.097
n	20	20	10	20	20	20
201	497.8	66.0	175.0	2.31	0.54	1.29
202	473.8	57.0	158.0	2.12	0.43	1.1
203	445.8	58.0	112.0	2.27	0.49	1.3
204	449.2	64.0	171.0	2.18	0.44	1.01
205	482.0	81.0	145.0	2.31	0.54	1.24
206	420.2	73.0	77.0	2.14	0.49	1.14
207	491.8	57.0	93.0	2.18	0.48	1.16
208	447.9	71.0	138.0	2.15	0.46	1.16
209	422.4	61.0	151.0	1.99	0.48	1.25
210	440.0	64.0	84.0	2.04	0.55	1.24
211	368.9	61.0		2.41	0.52	1.19
212	467.9	60.0		2.26	0.44	1.09
213	436.7	75.0		2.2	0.43	1.02
214	477.9	61.0		2.25	0.47	1.16
215	465.8	61.0		2.2	0.51	1.09
216	448.2	73.0		2.36	0.64	1.31
217	429.3	49.0		2.35	0.46	1.05
218	464.6	63.0		2.19	0.46	1.17
219	539.8	70.0		2.23	0.54	1.31
220	431.9	75.0		2.23	0.49	1.06

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	M					
Group	10					
	Heart	Kidneys	Liver	Mesenteric	Pituitary	Prostate
	g	g	g	lymph n.	gland	g
				mg	mg	
M	1.586	3.224	13.032	298.4	13.0	1.163
SD	0.15	0.283	1.819	118.184	2.0	0.16
n	20	20	20	10	20	20
201	1.66	3.6	15.71	526.0	17.0	1.27
202	1.73	3.18	13.07	282.0	15.0	1.13
203	1.5	3.31	14.62	468.0	14.0	1.29
204	1.49	3.04	11.6	232.0	13.0	1.06
205	1.76	3.32	15.1	277.0	12.0	1.23
206	1.39	3.19	11.22	183.0	10.0	1.21
207	1.6	3.62	13.57	183.0	12.0	1.31
208	1.45	3.28	11.78	334.0	10.0	1.13
209	1.38	3.05	11.58	310.0	10.0	1.07
210	1.48	3.17	13.05	189.0	11.0	1.43
211	1.52	3.51	12.94		15.0	1.09
212	1.65	3.04	11.68		12.0	1.25
213	1.44	3.29	12.17		15.0	1.3
214	1.73	2.6	15.12		14.0	0.8
215	1.5	2.89	10.46		12.0	0.93
216	1.73	3.56	13.28		15.0	1.35
217	1.71	2.68	11.7		12.0	1.24
218	1.55	3.33	13.81		12.0	1.08
219	1.96	3.53	17.36		14.0	1.18
220	1.49	3.29	10.82		15.0	0.9

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex M
Group 10

	Seminal vesicle g	Spleen g	Testes g	Thymus mg	Thyroid glands mg
M	1.353	0.876	3.655	435.7	24.5
SD	0.205	0.074	0.315	142.531	4.431
n	20	20	20	20	20
201	1.07	0.94	4.06	409.0	35.0
202	1.14	0.98	3.05	421.0	25.0
203	1.8	0.8	3.67	356.0	28.0
204	1.05	0.87	3.54	277.0	22.0
205	1.54	0.85	3.81	457.0	23.0
206	1.46	0.89	3.63	295.0	25.0
207	1.32	0.92	3.6	303.0	18.0
208	1.65	0.79	3.29	307.0	23.0
209	1.4	0.81	3.75	369.0	18.0
210	1.51	0.93	3.17	659.0	22.0
211	1.5	0.97	4.0	422.0	24.0
212	1.25	1.01	3.96	522.0	33.0
213	1.27	0.84	3.14	368.0	26.0
214	1.1	0.93	4.09	688.0	20.0
215	1.25	0.79	3.72	303.0	26.0
216	1.55	0.76	3.97	391.0	24.0
217	1.15	0.76	3.31	475.0	30.0
218	1.26	0.9	3.77	430.0	20.0
219	1.47	0.87	3.74	820.0	24.0
220	1.31	0.91	3.82	442.0	24.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	M					
Group	11					
	Term. body weight g	Adrenal glands mg	Axillary lymph n. mg	Brain g	Cauda epididymis g	Epididy- mides g
M	449.15	63.2	118.3	2.175	0.49	1.159
SD	55.562	6.971	30.977	0.092	0.058	0.093
n	20	20	10	20	20	20
221	494.0	66.0	136.0	2.31	0.52	1.29
222	392.4	59.0	84.0	2.23	0.46	1.07
223	424.6	51.0	115.0	2.21	0.46	1.16
224	467.0	65.0	123.0	2.19	0.46	1.08
225	401.9	60.0	89.0	2.05	0.49	1.17
226	474.5	71.0	147.0	2.07	0.52	1.15
227	440.0	71.0	107.0	2.18	0.49	1.12
228	594.1	78.0	184.0	2.32	0.65	1.4
229	369.3	52.0	88.0	2.12	0.46	1.09
230	504.6	67.0	110.0	2.14	0.48	1.06
231	450.9	62.0		1.99	0.44	1.04
232	495.8	68.0		2.2	0.54	1.23
233	490.9	64.0		2.31	0.45	1.13
234	373.6	58.0		2.13	0.42	1.08
235	471.1	66.0		2.25	0.44	1.2
236	398.6	59.0		2.05	0.53	1.27
237	390.2	61.0		2.12	0.39	1.05
238	424.3	54.0		2.18	0.56	1.22
239	431.3	60.0		2.2	0.53	1.17
240	493.9	72.0		2.25	0.51	1.2

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1
Sex	M
Group	11

	Heart g	Kidneys g	Liver g	Mesenteric lymph n. mg	Pituitary gland mg	Prostate g
M	1.535	3.137	13.349	318.7	13.05	1.118
SD	0.162	0.326	1.951	134.468	1.849	0.147
n	20	20	20	10	20	20
221	1.54	3.24	14.86	674.0	14.0	1.29
222	1.38	2.74	11.12	283.0	13.0	1.01
223	1.64	3.2	14.45	315.0	16.0	1.3
224	1.75	3.18	14.1	290.0	14.0	0.89
225	1.52	2.85	10.5	208.0	12.0	1.15
226	1.61	3.33	13.21	366.0	13.0	1.33
227	1.44	2.98	10.92	250.0	10.0	1.12
228	1.91	4.06	16.53	334.0	13.0	1.24
229	1.19	2.96	10.7	248.0	13.0	1.01
230	1.5	3.27	14.18	219.0	10.0	1.15
231	1.38	3.09	11.94		12.0	1.18
232	1.76	3.64	14.67		16.0	1.15
233	1.61	3.08	16.25		16.0	1.04
234	1.34	2.8	11.17		13.0	1.13
235	1.48	3.37	14.19		15.0	1.04
236	1.41	2.81	13.45		13.0	1.22
237	1.54	2.78	11.24		10.0	0.93
238	1.57	2.88	14.09		12.0	1.36
239	1.53	3.07	13.09		12.0	0.89
240	1.59	3.41	16.31		14.0	0.93

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex M
Group 11

	Seminal vesicle g	Spleen g	Testes g	Thymus mg	Thyroid glands mg
M	1.254	0.817	3.56	418.45	26.15
SD	0.193	0.103	0.318	66.354	5.669
n	20	20	20	20	20
221	1.26	0.93	3.44	429.0	27.0
222	1.26	0.74	3.17	328.0	25.0
223	1.25	0.86	3.6	420.0	40.0
224	0.92	0.81	3.13	472.0	24.0
225	1.24	0.74	3.52	396.0	17.0
226	1.53	0.94	3.43	460.0	23.0
227	1.41	0.77	2.98	415.0	29.0
228	1.49	0.99	4.12	446.0	31.0
229	1.1	0.67	3.5	408.0	21.0
230	1.27	0.99	3.55	466.0	29.0
231	0.94	0.81	3.4	499.0	18.0
232	1.15	0.83	3.75	453.0	31.0
233	1.52	0.82	3.59	415.0	23.0
234	0.98	0.84	3.32	361.0	33.0
235	1.29	0.74	4.34	379.0	31.0
236	1.52	0.65	3.8	288.0	19.0
237	1.17	0.69	3.42	519.0	24.0
238	1.49	0.71	3.6	272.0	29.0
239	1.1	0.92	3.79	458.0	22.0
240	1.18	0.88	3.75	485.0	27.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	M					
Group	12					
	Term. body weight g	Adrenal glands mg	Axillary lymph n. mg	Brain g	Cauda epididymis g	Epididymides g
M	452.61	63.6	107.7	2.199	0.472	1.14
SD	23.332	9.517	23.636	0.114	0.08	0.147
n	20	20	10	20	20	20
241	439.8	59.0	96.0	2.15	0.42	1.07
242	409.8	53.0	104.0	2.1	0.44	1.11
243	424.4	60.0	99.0	2.19	0.46	1.17
244	465.4	64.0	129.0	2.26	0.57	1.39
245	457.9	50.0	150.0	2.19	0.55	1.2
246	417.3	66.0	72.0	2.17	0.59	1.26
247	468.5	68.0	103.0	2.22	0.46	1.09
248	455.1	69.0	93.0	2.23	0.47	1.22
249	441.5	83.0	94.0	2.12	0.42	1.09
250	436.6	61.0	137.0	2.24	0.53	1.22
251	435.5	60.0		1.92	0.37	0.92
252	478.0	57.0		2.39	0.49	1.12
253	447.0	60.0		2.24	0.44	1.12
254	484.1	64.0		2.12	0.48	1.1
255	452.9	90.0		2.26	0.25	0.69
256	494.6	64.0		2.34	0.44	1.09
257	462.5	54.0		2.42	0.6	1.29
258	487.4	71.0		2.24	0.52	1.28
259	433.2	61.0		2.07	0.47	1.22
260	460.7	58.0		2.1	0.46	1.15

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1
Sex	M
Group	12

	Heart g	Kidneys g	Liver g	Mesenteric lymph n. mg	Pituitary gland mg	Prostate g
M	1.515	3.335	12.923	291.6	13.05	1.053
SD	0.085	0.308	1.468	120.832	2.089	0.181
n	20	20	20	10	20	20
241	1.5	3.0	12.53	271.0	14.0	1.35
242	1.36	3.07	10.64	339.0	14.0	1.02
243	1.47	3.2	13.04	187.0	14.0	1.1
244	1.59	4.25	17.31	573.0	14.0	1.42
245	1.58	3.47	14.22	255.0	15.0	0.96
246	1.36	3.23	13.29	210.0	9.0	0.98
247	1.5	3.52	13.0	211.0	10.0	0.9
248	1.54	3.25	14.1	395.0	11.0	0.92
249	1.46	3.2	11.35	176.0	11.0	1.01
250	1.6	3.25	11.82	299.0	11.0	0.79
251	1.52	3.13	13.82		13.0	1.17
252	1.46	3.5	13.24		12.0	1.27
253	1.44	3.04	10.75		16.0	1.11
254	1.65	3.8	13.19		13.0	1.08
255	1.62	3.1	12.85		18.0	1.17
256	1.45	3.0	13.52		12.0	0.72
257	1.49	3.57	11.59		14.0	1.13
258	1.64	3.54	12.06		13.0	1.07
259	1.59	3.17	13.71		13.0	0.78
260	1.47	3.4	12.43		14.0	1.1

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex M
Group 12

	Seminal vesicle g	Spleen g	Testes g	Thymus mg	Thyroid glands mg
M	1.285	0.801	3.69	435.35	23.75
SD	0.205	0.101	0.325	111.511	3.401
n	20	20	20	20	20
241	1.14	0.75	3.41	426.0	19.0
242	0.99	0.62	3.7	334.0	23.0
243	1.19	0.94	3.9	359.0	23.0
244	1.59	0.74	4.0	415.0	29.0
245	0.98	0.77	3.86	587.0	22.0
246	1.39	0.93	4.27	486.0	26.0
247	1.34	0.87	3.39	283.0	21.0
248	1.16	0.98	3.42	372.0	22.0
249	1.24	0.91	3.34	490.0	18.0
250	1.08	0.85	3.64	463.0	26.0
251	1.42	0.8	3.38	387.0	22.0
252	1.55	0.84	3.75	521.0	31.0
253	1.3	0.74	3.88	378.0	22.0
254	1.36	0.88	3.57	492.0	23.0
255	1.3	0.8	2.98	325.0	23.0
256	0.96	0.75	3.46	778.0	22.0
257	1.71	0.79	4.2	391.0	28.0
258	1.31	0.68	3.8	343.0	22.0
259	1.21	0.76	4.08	380.0	24.0
260	1.47	0.61	3.76	497.0	29.0

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F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	M					
Group	13					
	Term. body weight g	Adrenal glands mg	Axillary lymph n. mg	Brain g	Cauda epididymis g	Epididymides g
M	433.11	70.5	105.8	2.196	0.482	1.151
SD	37.971	8.389	29.57	0.103	0.053	0.089
n	20	20	10	20	20	20
261	433.4	64.0	107.0	2.1	0.44	1.11
262	475.2	72.0	120.0	2.39	0.56	1.21
263	462.4	72.0	140.0	2.35	0.43	1.11
264	363.3	58.0	94.0	2.02	0.42	1.03
265	426.0	65.0	141.0	2.11	0.4	1.1
266	386.3	67.0	85.0	2.07	0.4	1.01
267	435.1	80.0	139.0	2.26	0.55	1.15
268	460.7	61.0	101.0	2.18	0.47	1.22
269	417.3	76.0	78.0	2.23	0.52	1.15
270	443.7	78.0	53.0	2.14	0.53	1.23
271	508.7	80.0		2.41	0.54	1.38
272	398.1	62.0		2.21	0.44	1.05
273	437.5	71.0		2.25	0.46	1.17
274	366.3	60.0		2.13	0.46	1.05
275	394.5	63.0		2.2	0.47	1.17
276	414.6	70.0		2.16	0.46	1.08
277	446.0	68.0		2.13	0.47	1.15
278	454.6	74.0		2.18	0.53	1.16
279	465.6	91.0		2.13	0.53	1.25
280	472.9	78.0		2.27	0.55	1.23

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	M					
Group	13					
	Heart	Kidneys	Liver	Mesenteric	Pituitary	Prostate
	g	g	g	lymph n.	gland	g
				mg	mg	
M	1.489	3.599	11.265	322.9	13.3	1.046
SD	0.123	0.381	1.221	103.177	2.003	0.205
n	20	20	20	10	20	20
261	1.42	3.81	11.51	346.0	16.0	1.04
262	1.73	4.15	13.18	471.0	17.0	1.37
263	1.57	3.5	12.36	395.0	14.0	0.75
264	1.22	2.74	9.97	331.0	12.0	1.02
265	1.35	3.28	11.38	403.0	13.0	0.99
266	1.36	3.4	10.95	204.0	12.0	0.84
267	1.56	3.5	10.75	378.0	11.0	0.88
268	1.52	3.52	11.79	326.0	10.0	1.07
269	1.41	3.43	10.17	250.0	11.0	1.01
270	1.4	4.11	10.65	125.0	12.0	1.68
271	1.69	4.14	14.15		17.0	1.12
272	1.46	3.58	10.94		15.0	0.93
273	1.54	3.59	11.34		14.0	1.11
274	1.45	3.04	8.42		11.0	0.94
275	1.48	3.49	10.97		13.0	0.81
276	1.44	3.79	10.28		14.0	0.97
277	1.46	3.29	11.26		13.0	1.0
278	1.45	3.59	11.03		14.0	1.18
279	1.65	4.26	12.57		15.0	1.03
280	1.61	3.76	11.63		12.0	1.17

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex M
Group 13

	Seminal vesicle g	Spleen g	Testes g	Thymus mg	Thyroid glands mg
M	1.258	0.726	3.63	350.85	23.45
SD	0.186	0.091	0.296	89.957	4.571
n	20	20	20	20	20
261	1.04	0.68	3.22	343.0	21.0
262	1.72	0.77	3.61	373.0	30.0
263	1.03	0.93	3.66	513.0	22.0
264	1.22	0.69	3.2	273.0	17.0
265	1.22	0.72	3.3	402.0	24.0
266	1.22	0.82	3.58	201.0	17.0
267	1.41	0.75	3.56	349.0	24.0
268	1.26	0.81	4.32	334.0	29.0
269	1.18	0.79	3.63	311.0	23.0
270	1.56	0.73	3.59	247.0	24.0
271	1.3	0.77	4.27	444.0	31.0
272	1.17	0.62	3.59	339.0	27.0
273	1.23	0.68	3.89	285.0	20.0
274	1.05	0.53	3.6	232.0	21.0
275	1.18	0.6	3.89	273.0	16.0
276	1.26	0.66	3.36	294.0	25.0
277	0.99	0.69	3.46	408.0	17.0
278	1.55	0.67	3.42	465.0	28.0
279	1.26	0.8	3.77	510.0	28.0
280	1.31	0.81	3.68	421.0	25.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	F					
Group	10					
	Term. body weight g	Adrenal glands mg	Axillary lymph n. mg	Brain g	Heart g	Kidneys g
M	242.17	69.05	68.4	2.041	0.975	1.797
SD	25.702	10.59	15.248	0.078	0.119	0.177
n	20	20	10	20	20	20
301	222.0	59.0	89.0	2.12	0.99	1.62
302	233.8	61.0	78.0	1.95	1.1	1.62
303	235.2	69.0	69.0	2.09	0.91	1.72
304	259.2	51.0	62.0	1.93	1.19	1.74
305	208.7	70.0	59.0	1.85	0.9	1.56
306	249.7	81.0	83.0	1.94	0.87	1.88
307	237.1	60.0	48.0	1.97	0.92	1.74
308	230.6	75.0	43.0	2.01	0.88	1.74
309	291.7	74.0	72.0	2.1	1.13	2.09
310	250.0	89.0	81.0	2.07	0.89	2.07
311	234.7	65.0		2.07	0.88	1.61
312	263.5	64.0		2.08	0.99	1.82
313	200.8	74.0		2.1	0.82	1.64
314	229.8	84.0		2.09	0.97	1.61
315	293.8	80.0		2.12	1.13	2.12
316	216.5	56.0		2.12	0.86	1.75
317	229.8	54.0		2.03	0.88	1.74
318	263.3	71.0		2.12	1.07	2.03
319	274.4	80.0		2.06	1.2	1.88
320	218.8	64.0		2.0	0.92	1.96

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	F					
Group	10					
		Mesenteric		Pituitary		
	Liver	lymph n.	Ovaries	gland	Spleen	Thymus
	g	mg	mg	mg	g	mg
M	6.828	236.5	82.2	13.55	0.524	354.05
SD	0.984	82.213	12.593	2.704	0.088	88.538
n	20	10	20	20	20	20
301	6.38	324.0	75.0	13.0	0.61	380.0
302	6.4	174.0	90.0	15.0	0.6	340.0
303	7.06	321.0	77.0	17.0	0.45	363.0
304	6.84	190.0	66.0	14.0	0.6	310.0
305	6.5	210.0	79.0	12.0	0.37	337.0
306	7.03	243.0	99.0	9.0	0.56	285.0
307	6.27	143.0	76.0	10.0	0.41	219.0
308	6.91	136.0	71.0	12.0	0.52	333.0
309	8.71	245.0	83.0	11.0	0.63	336.0
310	7.16	379.0	93.0	11.0	0.49	581.0
311	5.76		78.0	14.0	0.55	390.0
312	8.01		109.0	15.0	0.62	423.0
313	5.63		86.0	15.0	0.41	260.0
314	6.21		73.0	14.0	0.48	265.0
315	8.32		98.0	20.0	0.63	321.0
316	5.68		63.0	16.0	0.42	315.0
317	5.53		76.0	13.0	0.51	390.0
318	7.69		102.0	17.0	0.66	535.0
319	8.49		80.0	12.0	0.45	423.0
320	5.97		70.0	11.0	0.5	275.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex F
Group 10

	Thyroid glands mg	Uterus g
M	16.7	0.707
SD	2.25	0.26
n	20	20
301	17.0	0.58
302	20.0	0.47
303	16.0	0.75
304	14.0	0.5
305	17.0	0.94
306	16.0	0.46
307	14.0	0.46
308	17.0	0.56
309	19.0	0.49
310	17.0	0.6
311	11.0	0.74
312	18.0	0.7
313	14.0	0.51
314	15.0	0.7
315	20.0	0.97
316	17.0	0.6
317	18.0	1.12
318	19.0	0.52
319	17.0	1.36
320	18.0	1.1

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	F					
Group	11					
	Term. body weight g	Adrenal glands mg	Axillary lymph n. mg	Brain g	Heart g	Kidneys g
M	240.59	69.15	70.5	2.013	0.924	1.791
SD	21.075	10.97	19.795	0.093	0.098	0.183
n	20	20	10	20	20	20
321	241.6	72.0	73.0	2.0	0.99	1.7
322	195.3	49.0	61.0	2.04	0.75	1.44
323	215.2	61.0	99.0	1.81	0.82	1.54
324	206.3	52.0	44.0	1.99	0.92	1.58
325	222.1	65.0	62.0	2.01	0.95	1.67
326	241.5	77.0	102.0	2.01	0.93	1.9
327	243.8	72.0	84.0	2.07	0.87	1.66
328	272.5	82.0	52.0	2.11	1.02	2.08
329	235.2	54.0	53.0	1.91	0.77	1.91
330	254.1	69.0	75.0	1.94	0.87	1.8
331	242.4	82.0		2.01	0.92	1.74
332	256.7	70.0		2.12	1.06	1.97
333	288.2	93.0		2.11	1.07	1.94
334	249.3	80.0		2.06	1.0	1.98
335	241.6	61.0		2.05	0.77	1.7
336	233.4	64.0		1.9	0.91	1.59
337	239.0	75.0		2.02	1.07	2.1
338	235.1	74.0		1.96	0.95	1.75
339	240.8	66.0		1.91	0.96	1.85
340	257.7	65.0		2.22	0.87	1.91

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F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	F					
Group	11					
		Mesenteric		Pituitary		
	Liver	lymph n.	Ovaries	gland	Spleen	Thymus
	g	mg	mg	mg	g	mg
M	6.725	221.1	82.9	13.75	0.494	356.75
SD	0.769	69.772	13.242	2.489	0.062	65.725
n	20	10	20	20	20	20
321	7.35	316.0	103.0	14.0	0.51	312.0
322	5.41	220.0	66.0	14.0	0.46	239.0
323	6.02	175.0	84.0	14.0	0.41	287.0
324	5.76	283.0	62.0	13.0	0.35	302.0
325	6.29	175.0	64.0	13.0	0.53	294.0
326	6.71	332.0	83.0	9.0	0.54	468.0
327	6.32	221.0	79.0	15.0	0.49	347.0
328	8.09	178.0	88.0	16.0	0.49	405.0
329	6.18	200.0	93.0	9.0	0.62	468.0
330	6.6	111.0	73.0	10.0	0.48	337.0
331	6.19		82.0	13.0	0.51	381.0
332	7.27		82.0	14.0	0.54	353.0
333	8.47		103.0	20.0	0.54	378.0
334	7.38		86.0	16.0	0.54	381.0
335	6.48		92.0	16.0	0.45	415.0
336	7.15		74.0	13.0	0.47	284.0
337	6.47		69.0	14.0	0.58	461.0
338	7.35		72.0	14.0	0.5	291.0
339	6.12		105.0	14.0	0.42	390.0
340	6.89		98.0	14.0	0.44	342.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex F
Group 11

	Thyroid glands mg	Uterus g
M	17.35	0.709
SD	3.2	0.218
n	20	20
321	18.0	0.62
322	13.0	1.03
323	15.0	0.42
324	14.0	1.17
325	17.0	0.82
326	15.0	0.49
327	17.0	0.59
328	15.0	0.86
329	19.0	0.38
330	20.0	0.75
331	11.0	0.5
332	19.0	0.51
333	21.0	0.88
334	24.0	0.81
335	22.0	0.6
336	19.0	0.54
337	16.0	1.01
338	16.0	0.72
339	16.0	0.87
340	20.0	0.6

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	F					
Group	12					
	Term. body weight g	Adrenal glands mg	Axillary lymph n. mg	Brain g	Heart g	Kidneys g
M	248.375	71.5	71.8	2.029	0.946	1.86
SD	20.088	7.578	25.125	0.095	0.067	0.238
n	20	20	10	20	20	20
341	257.4	72.0	49.0	2.01	1.06	1.9
342	239.1	60.0	65.0	1.99	0.92	1.73
343	221.9	62.0	58.0	2.08	0.88	1.46
344	277.5	76.0	80.0	2.04	1.0	2.0
345	254.5	77.0	86.0	2.09	0.9	1.94
346	250.3	78.0	29.0	2.03	0.89	1.99
347	257.9	76.0	87.0	2.07	0.96	1.79
348	250.6	67.0	86.0	1.92	1.02	1.94
349	198.6	69.0	59.0	1.87	0.81	1.48
350	254.3	72.0	119.0	1.96	0.93	1.92
351	234.9	75.0		1.84	0.95	1.71
352	233.3	72.0		2.01	0.91	1.6
353	277.6	85.0		2.24	0.93	2.36
354	252.1	62.0		2.01	0.94	2.24
355	248.2	63.0		2.0	0.91	1.81
356	218.0	62.0		2.07	0.88	1.59
357	279.6	79.0		2.21	1.04	2.04
358	252.8	64.0		2.08	1.05	1.71
359	250.4	75.0		2.03	0.91	1.83
360	258.5	84.0		2.03	1.03	2.15

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	F					
Group	12					
		Mesenteric		Pituitary		
	Liver	lymph n.	Ovaries	gland	Spleen	Thymus
	g	mg	mg	mg	g	mg
M	6.906	257.4	88.2	14.25	0.529	381.8
SD	0.686	81.976	14.972	1.888	0.091	113.685
n	20	10	20	20	20	20
341	7.39	219.0	82.0	16.0	0.47	378.0
342	6.75	221.0	79.0	14.0	0.51	385.0
343	5.68	194.0	71.0	14.0	0.43	252.0
344	7.67	233.0	96.0	18.0	0.51	297.0
345	7.26	379.0	125.0	14.0	0.58	414.0
346	7.66	141.0	90.0	13.0	0.83	104.0
347	7.25	221.0	84.0	12.0	0.49	289.0
348	7.15	383.0	79.0	11.0	0.53	469.0
349	5.36	240.0	77.0	12.0	0.5	346.0
350	7.42	343.0	74.0	16.0	0.57	485.0
351	5.98		80.0	14.0	0.51	376.0
352	6.29		68.0	13.0	0.48	321.0
353	7.77		101.0	16.0	0.66	367.0
354	7.13		105.0	13.0	0.54	416.0
355	6.73		79.0	17.0	0.51	411.0
356	6.74		109.0	14.0	0.46	560.0
357	7.63		73.0	16.0	0.59	643.0
358	6.52		91.0	12.0	0.41	408.0
359	7.26		103.0	16.0	0.5	418.0
360	6.48		98.0	14.0	0.49	297.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex F
Group 12

	Thyroid glands mg	Uterus g
M	15.8	0.716
SD	2.419	0.281
n	20	20
341	15.0	0.54
342	15.0	0.5
343	13.0	0.84
344	15.0	0.47
345	14.0	1.14
346	16.0	0.53
347	18.0	1.19
348	18.0	0.53
349	13.0	0.46
350	14.0	1.25
351	14.0	0.43
352	18.0	0.49
353	15.0	0.93
354	12.0	1.08
355	15.0	0.97
356	16.0	0.53
357	19.0	0.6
358	16.0	0.42
359	22.0	0.78
360	18.0	0.64

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	F					
Group	13					
	Term. body weight g	Adrenal glands mg	Axillary lymph n. mg	Brain g	Heart g	Kidneys g
M	251.237	76.737	73.6	2.012	0.99	1.91
SD	14.766	10.418	19.884	0.065	0.081	0.215
n	19	19	10	19	19	19
361	269.4	86.0	81.0	1.94	1.08	2.26
363	219.1	63.0	73.0	2.03	0.94	1.71
364	246.3	79.0	82.0	1.96	0.88	1.66
365	254.3	89.0	110.0	1.93	0.95	2.0
366	240.4	74.0	64.0	1.95	1.03	1.7
367	266.8	98.0	58.0	2.08	0.97	1.96
368	277.3	78.0	55.0	2.02	1.08	1.96
369	236.7	81.0	44.0	2.06	0.89	1.83
370	248.0	62.0	97.0	1.92	0.85	1.78
371	266.3	95.0	72.0	2.1	1.07	2.08
372	243.2	64.0		1.96	1.04	1.67
373	263.7	78.0		2.1	1.02	2.09
374	252.9	79.0		1.94	1.09	2.05
375	229.7	68.0		2.05	0.84	1.54
376	237.9	65.0		2.04	0.94	1.8
377	256.3	76.0		2.07	1.02	1.99
378	260.9	69.0		2.1	1.04	2.32
379	246.9	82.0		1.94	1.03	1.77
380	257.4	72.0		2.03	1.05	2.12

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	F					
Group	13					
	Liver	Mesenteric	Ovaries	Pituitary	Spleen	Thymus
	g	lymph n.	mg	gland	g	mg
		mg		mg		
M	7.238	244.9	86.222	14.947	0.502	355.158
SD	0.68	82.232	14.437	2.592	0.064	82.955
n	19	10	18	19	19	19
361	7.61	294.0	95.0	17.0	0.56	331.0
363	6.12	356.0	100.0	16.0	0.47	438.0
364	6.82	334.0	86.0	14.0	0.54	277.0
365	8.3	272.0	59.0	17.0	0.66	369.0
366	6.75	226.0	76.0	16.0	0.58	331.0
367	7.12	168.0	100.0	14.0	0.49	397.0
368	7.95	129.0	86.0	12.0	0.44	298.0
369	6.32	119.0	75.0	14.0	0.49	290.0
370	6.58	277.0	112.0	8.0	0.48	325.0
371	7.76	274.0	99.0	18.0	0.44	433.0
372	7.11	70.0	70.0	12.0	0.48	339.0
373	7.27	84.0	84.0	14.0	0.46	288.0
374	6.96	91.0	91.0	12.0	0.41	303.0
375	6.47	70.0	70.0	18.0	0.43	369.0
376	7.15	67.0	67.0	18.0	0.47	291.0
377	7.55	100.0	100.0	16.0	0.5	339.0
378	7.7	99.0	99.0	16.0	0.5	304.0
379	7.23	83.0	83.0	16.0	0.52	393.0
380	8.76	940.0	940.0 s	16.0	0.61	633.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex F
Group 13

	Thyroid glands mg	Uterus g
M	16.526	0.823
SD	1.806	0.251
n	19	19
361	16.0	0.61
363	15.0	0.48
364	18.0	0.64
365	17.0	0.66
366	18.0	1.22
367	19.0	0.58
368	18.0	0.82
369	16.0	0.48
370	16.0	0.91
371	20.0	0.67
372	15.0	1.32
373	12.0	1.05
374	15.0	0.98
375	17.0	0.74
376	16.0	0.72
377	15.0	0.78
378	16.0	0.78
379	17.0	1.26
380	18.0	0.93

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	M					
Group	10					
	Term. body weight %	Adrenal glands %	Axillary lymph n. %	Brain %	Cauda epididymis %	Epididy- mides %
M	100.0	0.014	0.028	0.491	0.109	0.258
SD		0.002	0.008	0.049	0.014	0.027
n	20	20	10	20	20	20
201	100.0	0.013	0.035	0.464	0.108	0.259
202	100.0	0.012	0.033	0.447	0.091	0.232
203	100.0	0.013	0.025	0.509	0.11	0.292
204	100.0	0.014	0.038	0.485	0.098	0.225
205	100.0	0.017	0.03	0.479	0.112	0.257
206	100.0	0.017	0.018	0.509	0.117	0.271
207	100.0	0.012	0.019	0.443	0.098	0.236
208	100.0	0.016	0.031	0.48	0.103	0.259
209	100.0	0.014	0.036	0.471	0.114	0.296
210	100.0	0.015	0.019	0.464	0.125	0.282
211	100.0	0.017		0.653	0.141	0.323
212	100.0	0.013		0.483	0.094	0.233
213	100.0	0.017		0.504	0.098	0.234
214	100.0	0.013		0.471	0.098	0.243
215	100.0	0.013		0.472	0.109	0.234
216	100.0	0.016		0.527	0.143	0.292
217	100.0	0.011		0.547	0.107	0.245
218	100.0	0.014		0.471	0.099	0.252
219	100.0	0.013		0.413	0.1	0.243
220	100.0	0.017		0.516	0.113	0.245

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	M					
Group	10					
	Heart	Kidneys	Liver	Mesenteric	Pituitary	Prostate
	%	%	%	lymph n.	gland	%
	%	%	%	%	%	%
M	0.349	0.712	2.863	0.065	0.003	0.257
SD	0.026	0.082	0.314	0.024	0.0	0.039
n	20	20	20	10	20	20
201	0.333	0.723	3.156	0.106	0.003	0.255
202	0.365	0.671	2.759	0.06	0.003	0.238
203	0.336	0.742	3.279	0.105	0.003	0.289
204	0.332	0.677	2.582	0.052	0.003	0.236
205	0.365	0.689	3.133	0.057	0.002	0.255
206	0.331	0.759	2.67	0.044	0.002	0.288
207	0.325	0.736	2.759	0.037	0.002	0.266
208	0.324	0.732	2.63	0.075	0.002	0.252
209	0.327	0.722	2.741	0.073	0.002	0.253
210	0.336	0.72	2.966	0.043	0.003	0.325
211	0.412	0.951	3.508		0.004	0.295
212	0.353	0.65	2.496		0.003	0.267
213	0.33	0.753	2.787		0.003	0.298
214	0.362	0.544	3.164		0.003	0.167
215	0.322	0.62	2.246		0.003	0.2
216	0.386	0.794	2.963		0.003	0.301
217	0.398	0.624	2.725		0.003	0.289
218	0.334	0.717	2.972		0.003	0.232
219	0.363	0.654	3.216		0.003	0.219
220	0.345	0.762	2.505		0.003	0.208

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex M
Group 10

	Seminal vesicle %	Spleen %	Testes %	Thymus %	Thyroid glands %
M	0.3	0.194	0.807	0.095	0.005
SD	0.056	0.023	0.095	0.028	0.001
n	20	20	20	20	20
201	0.215	0.189	0.816	0.082	0.007
202	0.241	0.207	0.644	0.089	0.005
203	0.404	0.179	0.823	0.08	0.006
204	0.234	0.194	0.788	0.062	0.005
205	0.32	0.176	0.79	0.095	0.005
206	0.347	0.212	0.864	0.07	0.006
207	0.268	0.187	0.732	0.062	0.004
208	0.368	0.176	0.735	0.069	0.005
209	0.331	0.192	0.888	0.087	0.004
210	0.343	0.211	0.72	0.15	0.005
211	0.407	0.263	1.084	0.114	0.007
212	0.267	0.216	0.846	0.112	0.007
213	0.291	0.192	0.719	0.084	0.006
214	0.23	0.195	0.856	0.144	0.004
215	0.268	0.17	0.799	0.065	0.006
216	0.346	0.17	0.886	0.087	0.005
217	0.268	0.177	0.771	0.111	0.007
218	0.271	0.194	0.811	0.093	0.004
219	0.272	0.161	0.693	0.152	0.004
220	0.303	0.211	0.884	0.102	0.006

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	M					
Group	11					
	Term. body weight %	Adrenal glands %	Axillary lymph n. %	Brain %	Cauda epididymis %	Epididymides %
M	100.0	0.014	0.026	0.49	0.11	0.26
SD		0.001	0.004	0.051	0.012	0.027
n	20	20	10	20	20	20
221	100.0	0.013	0.028	0.468	0.105	0.261
222	100.0	0.015	0.021	0.568	0.117	0.273
223	100.0	0.012	0.027	0.52	0.108	0.273
224	100.0	0.014	0.026	0.469	0.099	0.231
225	100.0	0.015	0.022	0.51	0.122	0.291
226	100.0	0.015	0.031	0.436	0.11	0.242
227	100.0	0.016	0.024	0.495	0.111	0.255
228	100.0	0.013	0.031	0.391	0.109	0.236
229	100.0	0.014	0.024	0.574	0.125	0.295
230	100.0	0.013	0.022	0.424	0.095	0.21
231	100.0	0.014		0.441	0.098	0.231
232	100.0	0.014		0.444	0.109	0.248
233	100.0	0.013		0.471	0.092	0.23
234	100.0	0.016		0.57	0.112	0.289
235	100.0	0.014		0.478	0.093	0.255
236	100.0	0.015		0.514	0.133	0.319
237	100.0	0.016		0.543	0.1	0.269
238	100.0	0.013		0.514	0.132	0.288
239	100.0	0.014		0.51	0.123	0.271
240	100.0	0.015		0.456	0.103	0.243

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	M					
Group	11					
	Heart	Kidneys	Liver	Mesenteric	Pituitary	Prostate
	%	%	%	lymph n.	gland	%
				%	%	
M	0.343	0.701	2.973	0.07	0.003	0.252
SD	0.028	0.039	0.262	0.026	0.0	0.041
n	20	20	20	10	20	20
221	0.312	0.656	3.008	0.136	0.003	0.261
222	0.352	0.698	2.834	0.072	0.003	0.257
223	0.386	0.754	3.403	0.074	0.004	0.306
224	0.375	0.681	3.019	0.062	0.003	0.191
225	0.378	0.709	2.613	0.052	0.003	0.286
226	0.339	0.702	2.784	0.077	0.003	0.28
227	0.327	0.677	2.482	0.057	0.002	0.255
228	0.321	0.683	2.782	0.056	0.002	0.209
229	0.322	0.802	2.897	0.067	0.004	0.273
230	0.297	0.648	2.81	0.043	0.002	0.228
231	0.306	0.685	2.648		0.003	0.262
232	0.355	0.734	2.959		0.003	0.232
233	0.328	0.627	3.31		0.003	0.212
234	0.359	0.749	2.99		0.003	0.302
235	0.314	0.715	3.012		0.003	0.221
236	0.354	0.705	3.374		0.003	0.306
237	0.395	0.712	2.881		0.003	0.238
238	0.37	0.679	3.321		0.003	0.321
239	0.355	0.712	3.035		0.003	0.206
240	0.322	0.69	3.302		0.003	0.188

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex M
Group 11

	Seminal vesicle %	Spleen %	Testes %	Thymus %	Thyroid glands %
M	0.282	0.182	0.801	0.094	0.006
SD	0.047	0.017	0.095	0.015	0.001
n	20	20	20	20	20
221	0.255	0.188	0.696	0.087	0.005
222	0.321	0.189	0.808	0.084	0.006
223	0.294	0.203	0.848	0.099	0.009
224	0.197	0.173	0.67	0.101	0.005
225	0.309	0.184	0.876	0.099	0.004
226	0.322	0.198	0.723	0.097	0.005
227	0.32	0.175	0.677	0.094	0.007
228	0.251	0.167	0.693	0.075	0.005
229	0.298	0.181	0.948	0.11	0.006
230	0.252	0.196	0.704	0.092	0.006
231	0.208	0.18	0.754	0.111	0.004
232	0.232	0.167	0.756	0.091	0.006
233	0.31	0.167	0.731	0.085	0.005
234	0.262	0.225	0.889	0.097	0.009
235	0.274	0.157	0.921	0.08	0.007
236	0.381	0.163	0.953	0.072	0.005
237	0.3	0.177	0.876	0.133	0.006
238	0.351	0.167	0.848	0.064	0.007
239	0.255	0.213	0.879	0.106	0.005
240	0.289	0.178	0.759	0.098	0.005

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	M					
Group	12					
	Term. body weight %	Adrenal glands %	Axillary lymph n. %	Brain %	Cauda epididymis %	Epididymides %
M	100.0	0.014	0.024	0.486	0.104	0.252
SD		0.002	0.005	0.025	0.018	0.034
n	20	20	10	20	20	20
241	100.0	0.013	0.022	0.489	0.095	0.243
242	100.0	0.013	0.025	0.512	0.107	0.271
243	100.0	0.014	0.023	0.516	0.108	0.276
244	100.0	0.014	0.028	0.486	0.122	0.299
245	100.0	0.011	0.033	0.478	0.12	0.262
246	100.0	0.016	0.017	0.52	0.141	0.302
247	100.0	0.015	0.022	0.474	0.098	0.233
248	100.0	0.015	0.02	0.49	0.103	0.268
249	100.0	0.019	0.021	0.48	0.095	0.247
250	100.0	0.014	0.031	0.513	0.121	0.279
251	100.0	0.014		0.441	0.085	0.211
252	100.0	0.012		0.5	0.103	0.234
253	100.0	0.013		0.501	0.098	0.251
254	100.0	0.013		0.438	0.099	0.227
255	100.0	0.02		0.499	0.055	0.152
256	100.0	0.013		0.473	0.089	0.22
257	100.0	0.012		0.523	0.13	0.279
258	100.0	0.015		0.46	0.107	0.263
259	100.0	0.014		0.478	0.108	0.282
260	100.0	0.013		0.456	0.1	0.25

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	M					
Group	12					
	Heart	Kidneys	Liver	Mesenteric	Pituitary	Prostate
	%	%	%	lymph n.	gland	%
	%	%	%	%	%	%
M	0.335	0.737	2.858	0.066	0.003	0.233
SD	0.019	0.058	0.319	0.026	0.0	0.041
n	20	20	20	10	20	20
241	0.341	0.682	2.849	0.062	0.003	0.307
242	0.332	0.749	2.596	0.083	0.003	0.249
243	0.346	0.754	3.073	0.044	0.003	0.259
244	0.342	0.913	3.719	0.123	0.003	0.305
245	0.345	0.758	3.105	0.056	0.003	0.21
246	0.326	0.774	3.185	0.05	0.002	0.235
247	0.32	0.751	2.775	0.045	0.002	0.192
248	0.338	0.714	3.098	0.087	0.002	0.202
249	0.331	0.725	2.571	0.04	0.002	0.229
250	0.366	0.744	2.707	0.068	0.003	0.181
251	0.349	0.719	3.173		0.003	0.269
252	0.305	0.732	2.77		0.003	0.266
253	0.322	0.68	2.405		0.004	0.248
254	0.341	0.785	2.725		0.003	0.223
255	0.358	0.684	2.837		0.004	0.258
256	0.293	0.607	2.734		0.002	0.146
257	0.322	0.772	2.506		0.003	0.244
258	0.336	0.726	2.474		0.003	0.22
259	0.367	0.732	3.165		0.003	0.18
260	0.319	0.738	2.698		0.003	0.239

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex M
Group 12

	Seminal vesicle %	Spleen %	Testes %	Thymus %	Thyroid glands %
M	0.284	0.177	0.818	0.096	0.005
SD	0.043	0.025	0.091	0.022	0.001
n	20	20	20	20	20
241	0.259	0.171	0.775	0.097	0.004
242	0.242	0.151	0.903	0.082	0.006
243	0.28	0.221	0.919	0.085	0.005
244	0.342	0.159	0.859	0.089	0.006
245	0.214	0.168	0.843	0.128	0.005
246	0.333	0.223	1.023	0.116	0.006
247	0.286	0.186	0.724	0.06	0.004
248	0.255	0.215	0.751	0.082	0.005
249	0.281	0.206	0.757	0.111	0.004
250	0.247	0.195	0.834	0.106	0.006
251	0.326	0.184	0.776	0.089	0.005
252	0.324	0.176	0.785	0.109	0.006
253	0.291	0.166	0.868	0.085	0.005
254	0.281	0.182	0.737	0.102	0.005
255	0.287	0.177	0.658	0.072	0.005
256	0.194	0.152	0.7	0.157	0.004
257	0.37	0.171	0.908	0.085	0.006
258	0.269	0.14	0.78	0.07	0.005
259	0.279	0.175	0.942	0.088	0.006
260	0.319	0.132	0.816	0.108	0.006

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	M					
Group	13					
	Term. body weight %	Adrenal glands %	Axillary lymph n. %	Brain %	Cauda epididymis %	Epididy- mides %
M	100.0	0.016	0.025	0.51	0.111	0.266
SD		0.001	0.006	0.035	0.01	0.013
n	20	20	10	20	20	20
261	100.0	0.015	0.025	0.485	0.102	0.256
262	100.0	0.015	0.025	0.503	0.118	0.255
263	100.0	0.016	0.03	0.508	0.093	0.24
264	100.0	0.016	0.026	0.556	0.116	0.284
265	100.0	0.015	0.033	0.495	0.094	0.258
266	100.0	0.017	0.022	0.536	0.104	0.261
267	100.0	0.018	0.032	0.519	0.126	0.264
268	100.0	0.013	0.022	0.473	0.102	0.265
269	100.0	0.018	0.019	0.534	0.125	0.276
270	100.0	0.018	0.012	0.482	0.119	0.277
271	100.0	0.016		0.474	0.106	0.271
272	100.0	0.016		0.555	0.111	0.264
273	100.0	0.016		0.514	0.105	0.267
274	100.0	0.016		0.581	0.126	0.287
275	100.0	0.016		0.558	0.119	0.297
276	100.0	0.017		0.521	0.111	0.26
277	100.0	0.015		0.478	0.105	0.258
278	100.0	0.016		0.48	0.117	0.255
279	100.0	0.02		0.457	0.114	0.268
280	100.0	0.016		0.48	0.116	0.26

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	M					
Group	13					
	Heart %	Kidneys %	Liver %	Mesenteric lymph n. %	Pituitary gland %	Prostate %
M	0.344	0.832	2.601	0.075	0.003	0.242
SD	0.021	0.061	0.156	0.022	0.0	0.043
n	20	20	20	10	20	20
261	0.328	0.879	2.656	0.08	0.004	0.24
262	0.364	0.873	2.774	0.099	0.004	0.288
263	0.34	0.757	2.673	0.085	0.003	0.162
264	0.336	0.754	2.744	0.091	0.003	0.281
265	0.317	0.77	2.671	0.095	0.003	0.232
266	0.352	0.88	2.835	0.053	0.003	0.217
267	0.359	0.804	2.471	0.087	0.003	0.202
268	0.33	0.764	2.559	0.071	0.002	0.232
269	0.338	0.822	2.437	0.06	0.003	0.242
270	0.316	0.926	2.4	0.028	0.003	0.379
271	0.332	0.814	2.782		0.003	0.22
272	0.367	0.899	2.748		0.004	0.234
273	0.352	0.821	2.592		0.003	0.254
274	0.396	0.83	2.299		0.003	0.257
275	0.375	0.885	2.781		0.003	0.205
276	0.347	0.914	2.479		0.003	0.234
277	0.327	0.738	2.525		0.003	0.224
278	0.319	0.79	2.426		0.003	0.26
279	0.354	0.915	2.7		0.003	0.221
280	0.34	0.795	2.459		0.003	0.247

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex M
Group 13

	Seminal vesicle %	Spleen %	Testes %	Thymus %	Thyroid glands %
M	0.291	0.168	0.842	0.08	0.005
SD	0.039	0.018	0.076	0.016	0.001
n	20	20	20	20	20
261	0.24	0.157	0.743	0.079	0.005
262	0.362	0.162	0.76	0.078	0.006
263	0.223	0.201	0.792	0.111	0.005
264	0.336	0.19	0.881	0.075	0.005
265	0.286	0.169	0.775	0.094	0.006
266	0.316	0.212	0.927	0.052	0.004
267	0.324	0.172	0.818	0.08	0.006
268	0.273	0.176	0.938	0.072	0.006
269	0.283	0.189	0.87	0.075	0.006
270	0.352	0.165	0.809	0.056	0.005
271	0.256	0.151	0.839	0.087	0.006
272	0.294	0.156	0.902	0.085	0.007
273	0.281	0.155	0.889	0.065	0.005
274	0.287	0.145	0.983	0.063	0.006
275	0.299	0.152	0.986	0.069	0.004
276	0.304	0.159	0.81	0.071	0.006
277	0.222	0.155	0.776	0.091	0.004
278	0.341	0.147	0.752	0.102	0.006
279	0.271	0.172	0.81	0.11	0.006
280	0.277	0.171	0.778	0.089	0.005

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	F					
Group	10					
	Term. body weight %	Adrenal glands %	Axillary lymph n. %	Brain %	Heart %	Kidneys %
M	100.0	0.029	0.028	0.851	0.403	0.745
SD		0.005	0.007	0.088	0.033	0.057
n	20	20	10	20	20	20
301	100.0	0.027	0.04	0.955	0.446	0.73
302	100.0	0.026	0.033	0.834	0.47	0.693
303	100.0	0.029	0.029	0.889	0.387	0.731
304	100.0	0.02	0.024	0.745	0.459	0.671
305	100.0	0.034	0.028	0.886	0.431	0.747
306	100.0	0.032	0.033	0.777	0.348	0.753
307	100.0	0.025	0.02	0.831	0.388	0.734
308	100.0	0.033	0.019	0.872	0.382	0.755
309	100.0	0.025	0.025	0.72	0.387	0.716
310	100.0	0.036	0.032	0.828	0.356	0.828
311	100.0	0.028		0.882	0.375	0.686
312	100.0	0.024		0.789	0.376	0.691
313	100.0	0.037		1.046	0.408	0.817
314	100.0	0.037		0.909	0.422	0.701
315	100.0	0.027		0.722	0.385	0.722
316	100.0	0.026		0.979	0.397	0.808
317	100.0	0.023		0.883	0.383	0.757
318	100.0	0.027		0.805	0.406	0.771
319	100.0	0.029		0.751	0.437	0.685
320	100.0	0.029		0.914	0.42	0.896

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1
Sex	F
Group	10

	Liver %	Mesenteric lymph n. %	Ovaries %	Pituitary gland %	Spleen %	Thymus %
M	2.814	0.098	0.034	0.006	0.216	0.146
SD	0.199	0.035	0.005	0.001	0.028	0.034
n	20	10	20	20	20	20
301	2.874	0.146	0.034	0.006	0.275	0.171
302	2.737	0.074	0.038	0.006	0.257	0.145
303	3.002	0.136	0.033	0.007	0.191	0.154
304	2.639	0.073	0.025	0.005	0.231	0.12
305	3.115	0.101	0.038	0.006	0.177	0.161
306	2.815	0.097	0.04	0.004	0.224	0.114
307	2.644	0.06	0.032	0.004	0.173	0.092
308	2.997	0.059	0.031	0.005	0.225	0.144
309	2.986	0.084	0.028	0.004	0.216	0.115
310	2.864	0.152	0.037	0.004	0.196	0.232
311	2.454		0.033	0.006	0.234	0.166
312	3.04		0.041	0.006	0.235	0.161
313	2.804		0.043	0.007	0.204	0.129
314	2.702		0.032	0.006	0.209	0.115
315	2.832		0.033	0.007	0.214	0.109
316	2.624		0.029	0.007	0.194	0.145
317	2.406		0.033	0.006	0.222	0.17
318	2.921		0.039	0.006	0.251	0.203
319	3.094		0.029	0.004	0.164	0.154
320	2.729		0.032	0.005	0.229	0.126

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex F
Group 10

	Thyroid glands %	Uterus %
M	0.007	0.294
SD	0.001	0.109
n	20	20
301	0.008	0.261
302	0.009	0.201
303	0.007	0.319
304	0.005	0.193
305	0.008	0.45
306	0.006	0.184
307	0.006	0.194
308	0.007	0.243
309	0.007	0.168
310	0.007	0.24
311	0.005	0.315
312	0.007	0.266
313	0.007	0.254
314	0.007	0.305
315	0.007	0.33
316	0.008	0.277
317	0.008	0.487
318	0.007	0.197
319	0.006	0.496
320	0.008	0.503

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	F					
Group	11					
	Term. body weight %	Adrenal glands %	Axillary lymph n. %	Brain %	Heart %	Kidneys %
M	100.0	0.029	0.03	0.841	0.385	0.745
SD		0.003	0.009	0.068	0.036	0.05
n	20	20	10	20	20	20
321	100.0	0.03	0.03	0.828	0.41	0.704
322	100.0	0.025	0.031	1.045	0.384	0.737
323	100.0	0.028	0.046	0.841	0.381	0.716
324	100.0	0.025	0.021	0.965	0.446	0.766
325	100.0	0.029	0.028	0.905	0.428	0.752
326	100.0	0.032	0.042	0.832	0.385	0.787
327	100.0	0.03	0.034	0.849	0.357	0.681
328	100.0	0.03	0.019	0.774	0.374	0.763
329	100.0	0.023	0.023	0.812	0.327	0.812
330	100.0	0.027	0.03	0.763	0.342	0.708
331	100.0	0.034		0.829	0.38	0.718
332	100.0	0.027		0.826	0.413	0.767
333	100.0	0.032		0.732	0.371	0.673
334	100.0	0.032		0.826	0.401	0.794
335	100.0	0.025		0.849	0.319	0.704
336	100.0	0.027		0.814	0.39	0.681
337	100.0	0.031		0.845	0.448	0.879
338	100.0	0.031		0.834	0.404	0.744
339	100.0	0.027		0.793	0.399	0.768
340	100.0	0.025		0.861	0.338	0.741

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1
Sex	F
Group	11

	Liver %	Mesenteric lymph n. %	Ovaries %	Pituitary gland %	Spleen %	Thymus %
M	2.794	0.096	0.034	0.006	0.206	0.148
SD	0.176	0.032	0.004	0.001	0.026	0.024
n	20	10	20	20	20	20
321	3.042	0.131	0.043	0.006	0.211	0.129
322	2.77	0.113	0.034	0.007	0.236	0.122
323	2.797	0.081	0.039	0.007	0.191	0.133
324	2.792	0.137	0.03	0.006	0.17	0.146
325	2.832	0.079	0.029	0.006	0.239	0.132
326	2.778	0.137	0.034	0.004	0.224	0.194
327	2.592	0.091	0.032	0.006	0.201	0.142
328	2.969	0.065	0.032	0.006	0.18	0.149
329	2.628	0.085	0.04	0.004	0.264	0.199
330	2.597	0.044	0.029	0.004	0.189	0.133
331	2.554		0.034	0.005	0.21	0.157
332	2.832		0.032	0.005	0.21	0.138
333	2.939		0.036	0.007	0.187	0.131
334	2.96		0.034	0.006	0.217	0.153
335	2.682		0.038	0.007	0.186	0.172
336	3.063		0.032	0.006	0.201	0.122
337	2.707		0.029	0.006	0.243	0.193
338	3.126		0.031	0.006	0.213	0.124
339	2.542		0.044	0.006	0.174	0.162
340	2.674		0.038	0.005	0.171	0.133

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex F
Group 11

	Thyroid glands %	Uterus %
M	0.007	0.299
SD	0.001	0.108
n	20	20
321	0.007	0.257
322	0.007	0.527
323	0.007	0.195
324	0.007	0.567
325	0.008	0.369
326	0.006	0.203
327	0.007	0.242
328	0.006	0.316
329	0.008	0.162
330	0.008	0.295
331	0.005	0.206
332	0.007	0.199
333	0.007	0.305
334	0.01	0.325
335	0.009	0.248
336	0.008	0.231
337	0.007	0.423
338	0.007	0.306
339	0.007	0.361
340	0.008	0.233

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	F					
Group	12					
	Term. body weight %	Adrenal glands %	Axillary lymph n. %	Brain %	Heart %	Kidneys %
M	100.0	0.029	0.029	0.821	0.382	0.747
SD		0.003	0.009	0.059	0.023	0.058
n	20	20	10	20	20	20
341	100.0	0.028	0.019	0.781	0.412	0.738
342	100.0	0.025	0.027	0.832	0.385	0.724
343	100.0	0.028	0.026	0.937	0.397	0.658
344	100.0	0.027	0.029	0.735	0.36	0.721
345	100.0	0.03	0.034	0.821	0.354	0.762
346	100.0	0.031	0.012	0.811	0.356	0.795
347	100.0	0.029	0.034	0.803	0.372	0.694
348	100.0	0.027	0.034	0.766	0.407	0.774
349	100.0	0.035	0.03	0.942	0.408	0.745
350	100.0	0.028	0.047	0.771	0.366	0.755
351	100.0	0.032		0.783	0.404	0.728
352	100.0	0.031		0.862	0.39	0.686
353	100.0	0.031		0.807	0.335	0.85
354	100.0	0.025		0.797	0.373	0.889
355	100.0	0.025		0.806	0.367	0.729
356	100.0	0.028		0.95	0.404	0.729
357	100.0	0.028		0.79	0.372	0.73
358	100.0	0.025		0.823	0.415	0.676
359	100.0	0.03		0.811	0.363	0.731
360	100.0	0.032		0.785	0.398	0.832

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PATHOLOGY REPORT

IIC 195/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

06.Feb.2019 HAMA

RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1
Sex	F
Group	12

	Liver %	Mesenteric lymph n. %	Ovaries %	Pituitary gland %	Spleen %	Thymus %
M	2.78	0.105	0.036	0.006	0.213	0.154
SD	0.158	0.032	0.006	0.001	0.035	0.046
n	20	10	20	20	20	20
341	2.871	0.085	0.032	0.006	0.183	0.147
342	2.823	0.092	0.033	0.006	0.213	0.161
343	2.56	0.087	0.032	0.006	0.194	0.114
344	2.764	0.084	0.035	0.006	0.184	0.107
345	2.853	0.149	0.049	0.006	0.228	0.163
346	3.06	0.056	0.036	0.005	0.332	0.042
347	2.811	0.086	0.033	0.005	0.19	0.112
348	2.853	0.153	0.032	0.004	0.211	0.187
349	2.699	0.121	0.039	0.006	0.252	0.174
350	2.918	0.135	0.029	0.006	0.224	0.191
351	2.546		0.034	0.006	0.217	0.16
352	2.696		0.029	0.006	0.206	0.138
353	2.799		0.036	0.006	0.238	0.132
354	2.828		0.042	0.005	0.214	0.165
355	2.712		0.032	0.007	0.205	0.166
356	3.092		0.05	0.006	0.211	0.257
357	2.729		0.026	0.006	0.211	0.23
358	2.579		0.036	0.005	0.162	0.161
359	2.899		0.041	0.006	0.2	0.167
360	2.507		0.038	0.005	0.19	0.115

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PATHOLOGY REPORT

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06.Feb.2019 HAMA

RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex F
Group 12

	Thyroid glands %	Uterus %
M	0.006	0.288
SD	0.001	0.108
n	20	20
341	0.006	0.21
342	0.006	0.209
343	0.006	0.379
344	0.005	0.169
345	0.006	0.448
346	0.006	0.212
347	0.007	0.461
348	0.007	0.211
349	0.007	0.232
350	0.006	0.492
351	0.006	0.183
352	0.008	0.21
353	0.005	0.335
354	0.005	0.428
355	0.006	0.391
356	0.007	0.243
357	0.007	0.215
358	0.006	0.166
359	0.009	0.312
360	0.007	0.248

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PATHOLOGY REPORT

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1					
Sex	F					
Group	13					
	Term. body weight %	Adrenal glands %	Axillary lymph n. %	Brain %	Heart %	Kidneys %
M	100.0	0.031	0.029	0.803	0.394	0.759
SD		0.003	0.008	0.052	0.026	0.059
n	19	19	10	19	19	19
361	100.0	0.032	0.03	0.72	0.401	0.839
363	100.0	0.029	0.033	0.927	0.429	0.78
364	100.0	0.032	0.033	0.796	0.357	0.674
365	100.0	0.035	0.043	0.759	0.374	0.786
366	100.0	0.031	0.027	0.811	0.428	0.707
367	100.0	0.037	0.022	0.78	0.364	0.735
368	100.0	0.028	0.02	0.728	0.389	0.707
369	100.0	0.034	0.019	0.87	0.376	0.773
370	100.0	0.025	0.039	0.774	0.343	0.718
371	100.0	0.036	0.027	0.789	0.402	0.781
372	100.0	0.026		0.806	0.428	0.687
373	100.0	0.03		0.796	0.387	0.793
374	100.0	0.031		0.767	0.431	0.811
375	100.0	0.03		0.892	0.366	0.67
376	100.0	0.027		0.858	0.395	0.757
377	100.0	0.03		0.808	0.398	0.776
378	100.0	0.026		0.805	0.399	0.889
379	100.0	0.033		0.786	0.417	0.717
380	100.0	0.028		0.789	0.408	0.824

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PATHOLOGY REPORT

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06.Feb.2019 HAMA

RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1
Sex	F
Group	13

	Liver %	Mesenteric lymph n. %	Ovaries %	Pituitary gland %	Spleen %	Thymus %
M	2.88	0.098	0.034	0.006	0.2	0.142
SD	0.191	0.037	0.006	0.001	0.027	0.034
n	19	10	18	19	19	19
361	2.825	0.109	0.035	0.006	0.208	0.123
363	2.793	0.162	0.046	0.007	0.215	0.2
364	2.769	0.136	0.035	0.006	0.219	0.112
365	3.264	0.107	0.023	0.007	0.26	0.145
366	2.808	0.094	0.032	0.007	0.241	0.138
367	2.669	0.063	0.037	0.005	0.184	0.149
368	2.867	0.047	0.031	0.004	0.159	0.107
369	2.67	0.05	0.032	0.006	0.207	0.123
370	2.653	0.112	0.045	0.003	0.194	0.131
371	2.914	0.103	0.037	0.007	0.165	0.163
372	2.924		0.029	0.005	0.197	0.139
373	2.757		0.032	0.005	0.174	0.109
374	2.752		0.036	0.005	0.162	0.12
375	2.817		0.03	0.008	0.187	0.161
376	3.005		0.028	0.008	0.198	0.122
377	2.946		0.039	0.006	0.195	0.132
378	2.951		0.038	0.006	0.192	0.117
379	2.928		0.034	0.006	0.211	0.159
380	3.403		0.365s	0.006	0.237	0.246

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PATHOLOGY REPORT

IIC 199/556

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Modified extended one-generation reproduction toxicity study
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06.Feb.2019 HAMA

RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex F
Group 13

	Thyroid glands %	Uterus %
M	0.007	0.328
SD	0.001	0.103
n	19	19
361	0.006	0.226
363	0.007	0.219
364	0.007	0.26
365	0.007	0.26
366	0.007	0.507
367	0.007	0.217
368	0.006	0.296
369	0.007	0.203
370	0.006	0.367
371	0.008	0.252
372	0.006	0.543
373	0.005	0.398
374	0.006	0.388
375	0.007	0.322
376	0.007	0.303
377	0.006	0.304
378	0.006	0.299
379	0.007	0.51
380	0.007	0.361

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 200/556

Group: 10								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
301	1	0	0	0	1	14	0	14
	2	7	0	7	2	7	1	8
	3	4	0	4	3	5	0	5
	4	7	0	7	4	13	0	13
	5	4	0	4	5	9	1	10
	6	2	0	2	6	9	0	9
	7	7	0	7	7	27	5	32
	8	9	0	9	8	9	0	9
	9	3	0	3	9	17	1	18
	10	12	1	13	10	14	1	15
	11	6	0	6	11	32	0	32
	12	14	0	14	12	27	2	29
	13	22	2	24	13	37	1	38
	14	26	2	28	14	31	0	31
	15	16	0	16	15	17	1	18
	16	13	0	13	16	18	0	18
	17	7	0	7	17	5	0	5
	18	9	0	9	18	4	0	4
	19	2	0	2	19	2	0	2
	20	2	0	2	20	3	0	3
	21	2	0	2	21	1	0	1
	22	0	0	0	22	0	0	0
	No/ovary	174	5	179	No/ovary	301	13	314
	No/animal	475	18	493				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 201/556

Group: 10								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
302	1	0	0	0	1	3	0	3
	2	3	0	3	2	2	0	2
	3	6	0	6	3	2	0	2
	4	0	0	0	4	9	0	9
	5	1	0	1	5	6	0	6
	6	2	0	2	6	5	0	5
	7	3	0	3	7	5	1	6
	8	2	0	2	8	9	1	10
	9	2	0	2	9	10	1	11
	10	6	1	7	10	8	0	8
	11	5	1	6	11	6	1	7
	12	4	0	4	12	8	1	9
	13	5	0	5	13	7	0	7
	14	1	0	1	14	20	1	21
	15	5	1	6	15	14	0	14
	16	7	0	7	16	15	1	16
	17	12	1	13	17	34	1	35
	18	12	3	15	18	11	1	12
	19	8	2	10	19	7	0	7
	20	4	0	4	20	7	1	8
	21	9	0	9	21	4	0	4
	22	3	0	3	22	6	0	6
	23	6	0	6	23	5	0	5
	24	7	0	7	24	2	0	2
	No/ovary	113	9	122	No/ovary	205	10	215
	No/animal	318	19	337				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 202/556

Group: 10								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
303	1	18	0	18	1	0	0	0
	2	12	0	12	2	3	0	3
	3	8	0	8	3	5	0	5
	4	7	0	7	4	5	0	5
	5	8	0	8	5	11	1	12
	6	8	0	8	6	3	1	4
	7	16	1	17	7	3	0	3
	8	17	0	17	8	3	0	3
	9	12	1	13	9	5	0	5
	10	8	0	8	10	6	0	6
	11	7	0	7	11	6	1	7
	12	15	0	15	12	14	1	15
	13	5	0	5	13	33	3	36
	14	3	1	4	14	20	1	21
	15	7	1	8	15	18	0	18
	16	3	0	3	16	9	1	10
	17	1	1	2	17	11	2	13
	18	2	0	2	18	6	0	6
	19	0	0	0	19	12	0	12
	20	2	0	2	20	9	0	9
	21	9	0	9	21	13	0	13
	22	1	0	1	22	9	1	10
				0	23	25	0	25
				0	24	2	0	2
	No/ovary	169	5	174	No/ovary	231	12	243
	No/animal	400	17	417				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 203/556

Group: 10								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
304	1	9	0	9	1	5	0	5
	2	7	0	7	2	4	0	4
	3	8	0	8	3	7	0	7
	4	4	0	4	4	9	0	9
	5	14	0	14	5	6	0	6
	6	6	0	6	6	9	0	9
	7	21	0	21	7	14	1	15
	8	14	3	17	8	22	1	23
	9	15	1	16	9	20	0	20
	10	16	1	17	10	25	0	25
	11	17	1	18	11	21	0	21
	12	8	0	8	12	10	0	10
	13	2	0	2	13	1	0	1
	14	2	0	2	14	3	0	3
	15	11	0	11	15	3	0	3
	16	4	1	5	16	0	0	0
	17	8	0	8	17	2	0	2
	18	4	0	4	18	1	0	1
	19	1	0	1	19	0	0	0
	20	0	0	0				0
	21	0	0	0				0
	No/ovary	171	7	178	No/ovary	162	2	164
	No/animal	333	9	342				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 204/556

Group: 10								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
305	1	6	1	7	1	0	0	0
	2	7	2	9	2	9	0	9
	3	9	0	9	3	9	1	10
	4	21	1	22	4	13	1	14
	5	11	1	12	5	4	0	4
	6	6	0	6	6	5	0	5
	7	2	0	2	7	2	0	2
	8	15	0	15	8	6	0	6
	9	11	1	12	9	6	1	7
	10	10	0	10	10	8	0	8
	11	6	0	6	11	8	0	8
	12	5	1	6	12	3	0	3
	13	3	0	3	13	4	1	5
	14	6	0	6	14	4	1	5
	15	2	0	2	15	5	1	6
	16	0	0	0	16	8	0	8
	17	4	0	4	17	2	0	2
	18	1	0	1	18	2	0	2
	19	1	0	1	19	0	0	0
	20	0	0	0	20	0	0	0
	No/ovary	126	7	133	No/ovary	98	6	104
	No/animal	224	13	237				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 205/556

Group: 10								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
306	1	0	0	0	1	0	0	0
	2	1	0	1	2	1	0	1
	3	2	0	2	3	5	0	5
	4	3	0	3	4	10	0	10
	5	11	0	11	5	18	1	19
	6	15	0	15	6	6	0	6
	7	10	0	10	7	6	0	6
	8	6	2	8	8	6	0	6
	9	10	2	12	9	28	2	30
	10	26	2	28	10	28	1	29
	11	29	0	29	11	17	0	17
	12	9	1	10	12	24	1	25
	13	22	0	22	13	10	0	10
	14	16	0	16	14	17	1	18
	15	10	0	10	15	10	0	10
	16	15	0	15	16	7	0	7
	17	20	0	20	17	8	0	8
	18	4	0	4	18	3	0	3
	19	4	0	4	19	0	0	0
	20	5	0	5	20	0	0	0
	No/ovary	218	7	225	No/ovary	204	6	210
	No/animal	422	13	435				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 206/556

Group: 10								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
307				0	1	0	0	0
	2	6	0	6	2	1	0	1
	3	8	0	8	3	8	0	8
	4	6	0	6	4	3	0	3
	5	12	0	12	5	15	1	16
	6	18	1	19	6	14	1	15
	7	13	1	14	7	11	1	12
	8	9	1	10	8	6	3	9
	9	5	0	5	9	10	0	10
	10	6	2	8	10	38	0	38
	11	79	2	81	11	37	0	37
	12	42	0	42	12	34	1	35
	13	41	0	41	13	20	0	20
	14	23	0	23	14	18	0	18
	15	20	0	20	15	15	1	16
	16	3	1	4	16	6	1	7
	17	6	0	6	17	8	1	9
	18	12	0	12	18	7	0	7
	19	8	0	8	19	4	0	4
	20	6	0	6	20	3	0	3
	No/ovary	323	8	331	No/ovary	258	10	268
	No/animal	581	18	599				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 207/556

Group: 10								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
308	1	0	0	0	1	0	0	0
	2	0	0	0	2	0	1	1
	3	0	0	0	3	1	0	1
	4	8	0	8	4	2	0	2
	5	11	0	11	5	7	0	7
	6	3	1	4	6	2	0	2
	7	7	0	7	7	1	1	2
	8	4	0	4	8	4	2	6
	9	7	0	7	9	3	0	3
	10	11	0	11	10	5	0	5
	11	10	0	10	11	7	0	7
	12	2	1	3	12	20	0	20
	13	4	0	4	13	9	0	9
	14	1	0	1	14	5	1	6
	15	0	0	0	15	0	0	0
	16	5	1	6	16	3	1	4
	17	3	0	3	17	4	0	4
	18	0	0	0	18	0	0	0
	19	0	0	0	19	0	0	0
	20	0	0	0				0
	No/ovary	76	3	79	No/ovary	73	6	79
	No/animal	149	9	158				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 208/556

Group: 10								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
309	1	0	0	0	1	6	0	6
	2	0	0	0	2	5	0	5
	3	0	0	0	3	2	0	2
	4	0	0	0	4	10	2	12
	5	2	0	2	5	21	0	21
	6	7	0	7	6	8	1	9
	7	1	0	1	7	16	0	16
	8	14	0	14	8	7	0	7
	9	4	0	4	9	11	1	12
	10	9	0	9	10	5	1	6
	11	17	0	17	11	5	0	5
	12	13	0	13	12	4	0	4
	13	10	1	11	13	0	0	0
	14	2	0	2	14	0	0	0
	15	3	0	3	15	0	0	0
	16	6	1	7	16	1	0	1
	17	4	0	4	17	0	0	0
	18	6	0	6	18	0	0	0
	19	0	0	0				0
	No/ovary	98	2	100	No/ovary	101	5	106
	No/animal	199	7	206				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 209/556

Group: 10								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
310	1	0	0	0	1	1	0	1
	2	1	0	1	2	2	0	2
	3	3	0	3	3	10	0	10
	4	5	1	6	4	6	0	6
	5	8	1	9	5	4	0	4
	6	13	2	15	6	9	0	9
	7	21	0	21	7	9	1	10
	8	24	1	25	8	22	0	22
	9	13	1	14	9	31	0	31
	10	8	1	9	10	16	0	16
	11	7	0	7	11	16	0	16
	12	4	0	4	12	15	1	16
	13	8	0	8	13	10	0	10
	14	10	0	10	14	6	0	6
	15	9	1	10	15	8	0	8
	16	16	0	16	16	0	0	0
	17	1	0	1	17	0	0	0
	18	1	0	1				0
	19	0	0	0				0
	No/ovary	152	8	160	No/ovary	165	2	167
	No/animal	317	10	327				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 210/556

Group: 10								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
311	1	0	0	0	1	2	0	2
	2	0	0	0	2	9	0	9
	3	9	0	9	3	6	0	6
	4	8	0	8	4	10	0	10
	5	8	0	8	5	8	1	9
	6	8	0	8	6	4	0	4
	7	4	1	5	7	3	0	3
	8	9	0	9	8	11	0	11
	9	15	0	15	9	8	0	8
	10	22	0	22	10	15	2	17
	11	33	1	34	11	13	0	13
	12	15	3	18	12	18	0	18
	13	13	1	14	13	16	0	16
	14	2	0	2	14	8	0	8
	15	6	0	6	15	7	0	7
	16	3	0	3	16	6	1	7
	17	1	0	1	17	9	0	9
	18	0	0	0	18	2	0	2
				0	19	0	0	0
	No/ovary	156	6	162	No/ovary	155	4	159
	No/animal	311	10	321				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 211/556

Group: 10								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
312	1	0	0	0	1	0	0	0
	2	1	0	1	2	3	0	3
	3	0	0	0	3	7	0	7
	4	1	0	1	4	8	1	9
	5	9	1	10	5	5	1	6
	6	3	1	4	6	4	1	5
	7	4	0	4	7	22	0	22
	8	7	2	9	8	27	2	29
	9	8	0	8	9	11	0	11
	10	16	0	16	10	13	0	13
	11	9	0	9	11	5	0	5
	12	4	1	5	12	3	1	4
	13	9	2	11	13	7	1	8
	14	8	0	8	14	8	0	8
	15	4	0	4	15	7	1	8
	16	6	1	7	16	2	0	2
	17	3	0	3	17	0	0	0
	18	3	0	3				0
	No/ovary	95	8	103	No/ovary	132	8	140
	No/animal	227	16	243				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 212/556

Group: 10								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
313	1	3	0	3	1	0	0	0
	2	15	1	16	2	0	0	0
	3	9	0	9	3	4	0	4
	4	15	0	15	4	8	0	8
	5	7	0	7	5	7	1	8
	6	4	0	4	6	13	0	13
	7	8	0	8	7	19	0	19
	8	11	0	11	8	6	0	6
	9	16	0	16	9	18	0	18
	10	11	0	11	10	13	0	13
	11	15	0	15	11	24	0	24
	12	18	0	18	12	18	1	19
	13	31	1	32	13	21	1	22
	14	36	0	36	14	16	1	17
	15	18	0	18	15	18	0	18
	16	14	0	14	16	17	0	17
	17	13	1	14	17	27	0	27
	18	4	0	4	18	19	0	19
	19	2	0	2	19	2	0	2
	20	0	0	0	20	0	0	0
	No/ovary	250	3	253	No/ovary	250	4	254
	No/animal	500	7	507				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 213/556

Group: 10								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
314	1	0	0	0	1	3	0	3
	2	3	0	3	2	13	0	13
	3	7	0	7	3	7	0	7
	4	9	0	9	4	12	0	12
	5	6	0	6	5	10	1	11
	6	9	0	9	6	7	0	7
	7	33	1	34	7	9	0	9
	8	16	1	17	8	13	0	13
	9	19	0	19	9	21	0	21
	10	8	0	8	10	20	0	20
	11	10	0	10	11	21	1	22
	12	12	0	12	12	12	0	12
	13	4	0	4	13	16	1	17
	14	14	0	14	14	15	0	15
	15	9	0	9	15	16	1	17
	16	11	1	12	16	9	0	9
	17	9	0	9	17	7	0	7
	18	3	0	3	18	4	0	4
	19	3	0	3	19	4	0	4
	20	2	0	2	20	2	0	2
	No/ovary	187	3	190	No/ovary	221	4	225
	No/animal	408	7	415				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 214/556

Group: 10								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
315	1	0	0	0	1	8	0	8
	2	2	0	2	2	6	0	6
	3	9	0	9	3	11	0	11
	4	11	0	11	4	10	1	11
	5	14	0	14	5	21	0	21
	6	10	0	10	6	13	1	14
	7	10	0	10	7	27	0	27
	8	11	0	11	8	19	0	19
	9	12	1	13	9	16	0	16
	10	6	0	6	10	9	1	10
	11	14	0	14	11	9	1	10
	12	16	0	16	12	11	1	12
	13	18	0	18	13	7	1	8
	14	19	0	19	14	12	1	13
	15	21	0	21	15	12	0	12
	16	11	1	12	16	6	0	6
	17	3	0	3	17	3	0	3
	18	2	1	3	18	9	0	9
	19	2	1	3	19	3	0	3
	20	2	0	2	20	1	0	1
	No/ovary	193	4	197	No/ovary	213	7	220
	No/animal	406	11	417				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 215/556

Group: 10								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
316	1	0	0	0	1	0	0	0
	2	4	0	4	2	1	0	1
	3	5	0	5	3	0	0	0
	4	1	1	2	4	0	0	0
	5	9	0	9	5	4	0	4
	6	5	0	5	6	23	1	24
	7	8	0	8	7	5	0	5
	8	11	1	12	8	15	0	15
	9	9	0	9	9	5	0	5
	10	25	0	25	10	14	1	15
	11	10	0	10	11	6	1	7
	12	6	0	6	12	19	0	19
	13	4	0	4	13	10	0	10
	14	1	1	2	14	4	0	4
	15	3	0	3	15	5	0	5
	16	1	0	1	16	6	0	6
	17	2	0	2	17	7	0	7
	18	0	0	0	18	0	0	0
	19	1	0	1				0
	20	2	0	2				0
	No/ovary	107	3	110	No/ovary	124	3	127
	No/animal	231	6	237				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 216/556

Group: 10								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
317	1	0	0	0	1	1	0	1
	2	8	0	8	2	1	0	1
	3	2	0	2	3	8	0	8
	4	2	0	2	4	7	0	7
	5	9	1	10	5	17	0	17
	6	10	0	10	6	31	1	32
	7	8	0	8	7	16	1	17
	8	15	0	15	8	21	0	21
	9	13	1	14	9	6	1	7
	10	12	0	12	10	7	0	7
	11	14	0	14	11	9	0	9
	12	16	0	16	12	8	1	9
	13	11	0	11	13	6	0	6
	14	11	0	11	14	16	1	17
	15	6	0	6	15	2	0	2
	16	5	0	5	16	4	0	4
	17	1	0	1	17	0	0	0
				0	18	0	0	0
				0	19	0	0	0
	No/ovary	143	2	145	No/ovary	160	5	165
	No/animal	303	7	310				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 217/556

Group: 10								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
318	1	0	0	0	1	0	0	0
	2	6	1	7	2	2	0	2
	3	10	0	10	3	3	0	3
	4	4	0	4	4	5	0	5
	5	9	0	9	5	10	0	10
	6	5	1	6	6	8	0	8
	7	6	0	6	7	12	0	12
	8	6	0	6	8	16	0	16
	9	27	0	27	9	12	1	13
	10	32	1	33	10	14	0	14
	11	34	0	34	11	32	0	32
	12	23	0	23	12	26	2	28
	13	15	0	15	13	20	1	21
	14	20	0	20	14	29	0	29
	15	9	0	9	15	8	0	8
	16	4	0	4	16	7	0	7
	17	3	1	4	17	4	0	4
	18	3	0	3	18	2	0	2
	19	6	0	6	19	3	0	3
	20	5	0	5	20	0	0	0
	No/ovary	227	4	231	No/ovary	213	4	217
	No/animal	440	8	448				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 218/556

Group: 10								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
319	1	0	0	0	1	4	0	4
	2	1	0	1	2	2	0	2
	3	1	0	1	3	2	1	3
	4	2	0	2	4	5	1	6
	5	3	1	4	5	5	0	5
	6	5	1	6	6	16	1	17
	7	8	0	8	7	7	0	7
	8	10	0	10	8	8	0	8
	9	29	0	29	9	10	1	11
	10	31	0	31	10	12	0	12
	11	13	2	15	11	17	0	17
	12	19	1	20	12	31	0	31
	13	17	1	18	13	11	1	12
	14	6	0	6	14	9	0	9
	15	2	0	2	15	24	0	24
	16	1	0	1	16	10	0	10
	17	1	0	1	17	11	0	11
	18	9	0	9	18	11	0	11
	19	0	0	0	19	4	1	5
				0	20	0	0	0
	No/ovary	158	6	164	No/ovary	199	6	205
	No/animal	357	12	369				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 219/556

Group: 10								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
320	1	6	0	6	1	2	0	2
	2	0	0	0	2	1	1	2
	3	1	0	1	3	0	0	0
	4	2	0	2	4	4	0	4
	5	2	0	2	5	0	0	0
	6	1	0	1	6	1	0	1
	7	2	0	2	7	2	0	2
	8	5	0	5	8	1	0	1
	9	8	0	8	9	3	0	3
	10	9	0	9	10	12	1	13
	11	3	0	3	11	5	0	5
	12	5	0	5	12	2	0	2
	13	2	0	2	13	0	1	1
	14	2	0	2	14	2	0	2
	15	2	0	2	15	6	0	6
	16	1	0	1	16	3	0	3
	17	0	0	0	17	2	0	2
	18	0	0	0	18	3	0	3
				0	19	0	0	0
				0	20	1	0	1
	No/ovary	51	0	51	No/ovary	50	3	53
	No/animal	101	3	104				
	No/group	6702	220	6922				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 220/556

Group: 13								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
361	1	1	0	1	1	4	0	4
	2	2	0	2	2	7	0	7
	3	5	0	5	3	8	1	9
	4	3	0	3	4	11	0	11
	5	5	0	5	5	8	0	8
	6	11	0	11	6	11	0	11
	7	8	0	8	7	9	1	10
	8	16	1	17	8	22	1	23
	9	19	0	19	9	19	2	21
	10	42	0	42	10	45	2	47
	11	82	0	82	11	73	0	73
	12	29	1	30	12	21	0	21
	13	26	0	26	13	27	0	27
	14	22	0	22	14	10	0	10
	15	9	0	9	15	13	1	14
	16	14	0	14	16	9	0	9
	17	7	1	8	17	2	0	2
	18	3	0	3	18	2	0	2
	19	11	0	11	19	1	0	1
	20	6	0	6	20	0	0	0
	21	6	0	6				0
	22	0	0	0				0
	No/ovary	327	3	330	No/ovary	302	8	310
	No/animal	629	11	640				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 221/556

Group: 13								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
362	1	invalid	invalid		1	invalid	invalid	
	2	invalid	invalid		2	invalid	invalid	
	3	invalid	invalid		3	invalid	invalid	
	4	invalid	invalid		4	invalid	invalid	
	5	invalid	invalid		5	invalid	invalid	
	6	invalid	invalid		6	invalid	invalid	
	7	6	3	9	7	0	0	0
	8	18	1	19	8	0	0	0
	9	13	1	14	9	3	0	3
	10	13	1	14	10	4	0	4
	11	3	0	3	11	0	0	0
	12	12	1	13	12	5	0	5
	13	18	1	19	13	3	0	3
	14	31	0	31	14	8	0	8
	15	29	0	29	15	9	2	11
	16	39	2	41	16	5	1	6
	17	46	0	46	17	20	0	20
	18	39	0	39	18	13	0	13
	19	25	0	25	19	16	0	16
	20	9	0	9	20	25	0	25
	21	8	0	8	21	46	0	46
	22	0	0	0	22	33	0	33
	23	0	0	0	23	39	0	39
	No/ovary	309	10	319	No/ovary	229	3	232
	No/animal	538	13	551				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 222/556

Group: 13								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
363	1	1	0	1	1	1	0	1
	2	7	0	7	2	4	0	4
	3	3	0	3	3	6	0	6
	4	7	0	7	4	6	0	6
	5	3	0	3	5	6	0	6
	6	11	0	11	6	4	0	4
	7	12	0	12	7	8	0	8
	8	15	0	15	8	10	0	10
	9	16	0	16	9	13	0	13
	10	11	0	11	10	22	2	24
	11	11	0	11	11	14	1	15
	12	48	0	48	12	33	1	34
	13	35	0	35	13	22	1	23
	14	23	0	23	14	21	1	22
	15	21	0	21	15	19	0	19
	16	21	0	21	16	10	2	12
	17	28	0	28	17	11	0	11
	18	6	0	6	18	6	1	7
	19	6	0	6	19	8	0	8
	20	3	0	3	20	21	0	21
	21	0	0	0	21	4	0	4
	22	0	0	0	22	0	0	0
	No/ovary	288	0	288	No/ovary	249	9	258
	No/animal	537	9	546				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 223/556

Group: 13								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
364	1	0	0	0	1	0	0	0
	2	0	0	0	2	0	0	0
	3	5	1	6	3	0	0	0
	4	5	0	5	4	0	0	0
	5	11	0	11	5	2	0	2
	6	22	1	23	6	6	0	6
	7	14	0	14	7	6	0	6
	8	16	3	19	8	3	0	3
	9	14	2	16	9	9	0	9
	10	16	0	16	10	7	1	8
	11	17	0	17	11	12	0	12
	12	50	0	50	12	11	0	11
	13	40	0	40	13	25	0	25
	14	15	0	15	14	15	0	15
	15	8	0	8	15	21	0	21
	16	10	2	12	16	54	1	55
	17	11	0	11	17	24	0	24
	18	4	1	5	18	18	0	18
	19	0	0	0	19	29	0	29
				0	20	11	0	11
				0	21	8	0	8
				0	22	6	0	6
				0	23	1	0	1
	No/ovary	258	10	268	No/ovary	268	2	270
	No/animal	526	12	538				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 224/556

Group: 13								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
365	1	5	0	5	1	0	0	0
	2	7	0	7	2	4	0	4
	3	6	0	6	3	6	1	7
	4	23	0	23	4	5	0	5
	5	12	0	12	5	6	0	6
	6	7	2	9	6	6	0	6
	7	9	0	9	7	10	0	10
	8	18	0	18	8	10	0	10
	9	19	0	19	9	17	0	17
	10	20	1	21	10	70	1	71
	11	13	0	13	11	23	0	23
	12	9	0	9	12	17	0	17
	13	10	0	10	13	13	0	13
	14	15	0	15	14	16	0	16
	15	8	0	8	15	9	0	9
	16	1	0	1	16	3	1	4
				0	17	5	0	5
				0	18	1	0	1
				0	19	3	0	3
				0	20	4	0	4
	No/ovary	182	3	185	No/ovary	228	3	231
	No/animal	410	6	416				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 225/556

Group: 13								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
366	1	0	0	0	1	0	0	0
	2	8	0	8	2	0	0	0
	3	9	0	9	3	2	0	2
	4	5	0	5	4	0	0	0
	5	6	0	6	5	2	0	2
	6	7	2	9	6	5	0	5
	7	6	0	6	7	6	0	6
	8	9	0	9	8	6	0	6
	9	5	0	5	9	2	0	2
	10	9	1	10	10	3	0	3
	11	4	0	4	11	3	1	4
	12	4	0	4	12	19	1	20
	13	7	0	7	13	20	0	20
	14	9	1	10	14	29	0	29
	15	11	0	11	15	23	0	23
	16	11	0	11	16	10	0	10
	17	25	0	25	17	7	0	7
	18	11	0	11	18	9	0	9
	19	4	0	4	19	11	0	11
	20	3	0	3	20	4	0	4
	No/ovary	153	4	157	No/ovary	161	2	163
	No/animal	314	6	320				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 226/556

Group: 13								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
367	1	0	0	0	1	0	0	0
	2	0	0	0	2	0	0	0
	3	6	0	6	3	0	0	0
	4	4	0	4	4	18	0	18
	5	8	0	8	5	9	0	9
	6	3	0	3	6	16	0	16
	7	12	0	12	7	4	0	4
	8	12	0	12	8	16	1	17
	9	6	0	6	9	24	2	26
	10	5	0	5	10	19	0	19
	11	14	1	15	11	33	0	33
	12	4	0	4	12	16	1	17
	13	6	1	7	13	24	0	24
	14	15	0	15	14	8	0	8
	15	47	0	47	15	13	0	13
	16	34	0	34	16	10	0	10
	17	12	0	12	17	3	0	3
	18	13	1	14	18	4	0	4
	19	6	0	6	19	2	0	2
	20	14	1	15	20	1	0	1
	No/ovary	221	4	225	No/ovary	220	4	224
	No/animal	441	8	449				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 227/556

Group: 13								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
368	1	1	0	1	1	2	0	2
	2	2	0	2	2	7	0	7
	3	2	0	2	3	8	0	8
	4	5	0	5	4	9	0	9
	5	1	0	1	5	9	0	9
	6	3	0	3	6	16	0	16
	7	9	0	9	7	12	0	12
	8	15	0	15	8	16	0	16
	9	25	1	26	9	18	1	19
	10	24	0	24	10	18	0	18
	11	41	0	41	11	22	0	22
	12	13	0	13	12	17	2	19
	13	16	1	17	13	12	0	12
	14	10	1	11	14	3	1	4
	15	4	1	5	15	6	0	6
	16	4	0	4	16	3	0	3
	17	1	0	1	17	0	0	0
	18	2	0	2	18	0	0	0
	19	0	0	0	19	0	0	0
	20	0	0	0				0
	No/ovary	178	4	182	No/ovary	178	4	182
	No/animal	356	8	364				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 228/556

Group: 13								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
369	1	0	0	0	1	0	0	0
	2	2	0	2	2	7	0	7
	3	5	1	6	3	5	0	5
	4	12	0	12	4	7	0	7
	5	15	0	15	5	6	0	6
	6	11	1	12	6	10	0	10
	7	20	0	20	7	14	0	14
	8	28	1	29	8	30	0	30
	9	22	0	22	9	28	1	29
	10	13	0	13	10	21	0	21
	11	15	0	15	11	20	0	20
	12	4	0	4	12	13	1	14
	13	4	0	4	13	5	0	5
	14	8	0	8	14	12	0	12
	15	6	0	6	15	18	0	18
	16	1	1	2	16	1	1	2
	17	0	0	0	17	2	0	2
	18	1	1	2	18	0	0	0
	19	2	0	2	19	0	0	0
				0	20	0	0	0
	No/ovary	169	5	174	No/ovary	199	3	202
	No/animal	368	8	376				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 229/556

Group: 13								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
370	1	4	0	4	1	2	0	2
	2	4	0	4	2	3	0	3
	3	2	0	2	3	4	0	4
	4	10	0	10	4	4	0	4
	5	16	0	16	5	9	0	9
	6	12	2	14	6	3	0	3
	7	21	0	21	7	7	0	7
	8	32	3	35	8	10	0	10
	9	11	1	12	9	34	1	35
	10	6	0	6	10	16	2	18
	11	9	0	9	11	21	0	21
	12	4	0	4	12	9	2	11
	13	8	0	8	13	7	0	7
	14	14	2	16	14	7	0	7
	15	7	0	7	15	7	0	7
	16	4	0	4	16	5	0	5
	17	2	0	2	17	2	1	3
	18	2	0	2	18	6	0	6
	19	2	0	2	19	1	0	1
	20	0	0	0	20	0	0	0
	No/ovary	170	8	178	No/ovary	157	6	163
	No/animal	327	14	341				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 230/556

Group: 13								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
371	1	3	0	3	1	0	0	0
	2	2	0	2	2	3	0	3
	3	2	0	2	3	2	0	2
	4	2	0	2	4	3	0	3
	5	3	0	3	5	2	0	2
	6	7	0	7	6	7	1	8
	7	6	2	8	7	9	0	9
	8	5	0	5	8	5	1	6
	9	29	0	29	9	14	0	14
	10	33	0	33	10	11	0	11
	11	27	0	27	11	15	0	15
	12	16	0	16	12	16	0	16
	13	5	0	5	13	26	1	27
	14	16	1	17	14	45	0	45
	15	22	0	22	15	46	0	46
	16	9	0	9	16	16	1	17
	17	8	0	8	17	19	0	19
	18	6	0	6	18	11	0	11
	19	11	0	11	19	5	0	5
	20	13	0	13	20	2	0	2
	No/ovary	225	3	228	No/ovary	257	4	261
	No/animal	482	7	489				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 231/556

Group: 13								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
372	1	0	0	0	1	0	0	0
	2	0	0	0	2	1	0	1
	3	1	0	1	3	5	0	5
	4	6	0	6	4	12	1	13
	5	5	0	5	5	3	0	3
	6	7	0	7	6	7	0	7
	7	19	0	19	7	10	0	10
	8	16	0	16	8	16	1	17
	9	13	3	16	9	17	1	18
	10	20	0	20	10	10	0	10
	11	26	0	26	11	23	0	23
	12	21	1	22	12	12	2	14
	13	7	2	9	13	18	1	19
	14	11	0	11	14	4	1	5
	15	13	4	17	15	3	0	3
	16	3	0	3	16	4	0	4
	17	1	0	1	17	3	0	3
	18	0	0	0	18	0	0	0
	No/ovary	169	10	179	No/ovary	148	7	155
	No/animal	317	17	334				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 232/556

Group: 13								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
373	1	5	0	5	1	2	0	2
	2	0	0	0	2	8	0	8
	3	3	0	3	3	4	0	4
	4	17	0	17	4	0	0	0
	5	10	0	10	5	7	0	7
	6	15	0	15	6	4	0	4
	7	6	0	6	7	6	0	6
	8	16	0	16	8	15	0	15
	9	9	0	9	9	20	1	21
	10	23	0	23	10	27	0	27
	11	19	1	20	11	17	0	17
	12	15	1	16	12	16	3	19
	13	8	2	10	13	12	1	13
	14	13	2	15	14	5	0	5
	15	11	0	11	15	9	0	9
	16	3	0	3	16	4	0	4
	17	4	0	4	17	6	1	7
	18	4	0	4	18	5	0	5
	19	4	0	4	19	4	0	4
	20	4	0	4	20	1	0	1
	No/ovary	189	6	195	No/ovary	172	6	178
	No/animal	361	12	373				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 233/556

Group: 13								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
374	1	1	0	1	1			0
	2	1	0	1	2	0	0	0
	3	3	0	3	3	5	0	5
	4	8	1	9	4	2	0	2
	5	5	1	6	5	3	1	4
	6	10	0	10	6	6	0	6
	7	11	2	13	7	0	0	0
	8	13	0	13	8	3	0	3
	9	4	1	5	9	4	0	4
	10	4	0	4	10	8	1	9
	11	9	1	10	11	14	0	14
	12	14	1	15	12	54	1	55
	13	18	2	20	13	22	1	23
	14	9	1	10	14	13	1	14
	15	6	0	6	15	9	0	9
	16	4	0	4	16	2	0	2
	17	8	0	8	17	5	0	5
	18	8	0	8	18	5	0	5
	19	2	0	2	19	12	0	12
	20	1	0	1	20	1	0	1
	No/ovary	139	10	149	No/ovary	168	5	173
	No/animal	307	15	322				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 234/556

Group: 13								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
375	1	7	0	7	1	3	0	3
	2	16	1	17	2	6	0	6
	3	14	2	16	3	16	0	16
	4	15	1	16	4	14	0	14
	5	26	2	28	5	12	0	12
	6	27	0	27	6	6	2	8
	7	16	0	16	7	14	0	14
	8	10	0	10	8	8	0	8
	9	11	0	11	9	19	0	19
	10	8	1	9	10	13	0	13
	11	4	2	6	11	15	3	18
	12	16	0	16	12	18	0	18
	13	18	1	19	13	13	1	14
	14	6	0	6	14	9	0	9
	15	6	1	7	15	13	2	15
	16	0	0	0	16	11	0	11
				0	17	8	0	8
				0	18	5	0	5
				0	19	0	0	0
	No/ovary	200	11	211	No/ovary	203	8	211
	No/animal	403	19	422				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 235/556

Group: 13								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
376	1	0	0	0	1	3	0	3
	2	5	0	5	2	9	1	10
	3	7	1	8	3	17	0	17
	4	16	0	16	4	12	0	12
	5	35	1	36	5	8	0	8
	6	11	0	11	6	9	0	9
	7	20	0	20	7	7	0	7
	8	12	1	13	8	5	1	6
	9	8	0	8	9	17	0	17
	10	22	1	23	10	16	0	16
	11	22	0	22	11	53	0	53
	12	15	2	17	12	16	1	17
	13	16	0	16	13	17	1	18
	14	24	2	26	14	6	0	6
	15	18	2	20	15	15	1	16
	16	7	0	7	16	13	1	14
	17	2	0	2	17	8	0	8
	18	0	0	0	18	9	0	9
	19	2	0	2	19	5	1	6
	20	1	0	1	20	9	1	10
	No/ovary	243	10	253	No/ovary	254	8	262
	No/animal	497	18	515				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 236/556

Group: 13								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
377	1	0	0	0	1	1	0	1
	2	4	0	4	2	1	0	1
	3	4	0	4	3	2	0	2
	4	6	0	6	4	7	1	8
	5	7	1	8	5	6	1	7
	6	2	0	2	6	3	1	4
	7	7	0	7	7	11	0	11
	8	6	1	7	8	11	0	11
	9	2	1	3	9	18	0	18
	10	3	0	3	10	19	1	20
	11	10	1	11	11	28	1	29
	12	8	2	10	12	16	0	16
	13	7	0	7	13	20	1	21
	14	2	2	4	14	12	1	13
	15	3	0	3	15	4	0	4
	16	6	0	6	16	11	0	11
	17	12	1	13	17	13	0	13
	18	0	0	0	18	6	0	6
	19	9	0	9	19	2	0	2
	20	10	1	11	20	2	0	2
	No/ovary	108	10	118	No/ovary	193	7	200
	No/animal	301	17	318				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 237/556

Group: 13								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
378	1	0	0	0	1	1	0	1
	2	1	0	1	2	5	0	5
	3	17	1	18	3	10	0	10
	4	9	1	10	4	8	0	8
	5	11	1	12	5	13	2	15
	6	21	0	21	6	22	0	22
	7	7	0	7	7	36	2	38
	8	8	1	9	8	11	1	12
	9	3	2	5	9	5	0	5
	10	12	0	12	10	7	0	7
	11	8	1	9	11	12	1	13
	12	9	1	10	12	10	0	10
	13	5	2	7	13	5	0	5
	14	4	0	4	14	2	0	2
	15	2	0	2	15	4	0	4
	16	5	0	5	16	2	1	3
	17	3	0	3	17	1	0	1
	18	1	0	1	18	5	0	5
	19	5	0	5	19	3	0	3
	20	2	0	2	20	0	0	0
	21	4	0	4	21	0	0	0
	22	2	1	3	22	0	0	0
	23	0	0	0	23	0	0	0
	24			0	24			0
	25			0	25			
	No/ovary	139	11	150	No/ovary	162	7	169
	No/animal	301	18	319				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 238/556

Group: 13								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
379	1	1	0	1	1	1	0	1
	2	2	0	2	2	3	1	4
	3	5	1	6	3	8	0	8
	4	9	0	9	4	8	0	8
	5	11	0	11	5	12	1	13
	6	9	2	11	6	12	1	13
	7	6	2	8	7	11	2	13
	8	4	0	4	8	4	1	5
	9	15	0	15	9	9	0	9
	10	22	0	22	10	11	0	11
	11	27	1	28	11	25	0	25
	12	16	0	16	12	9	0	9
	13	24	2	26	13	10	0	10
	14	5	0	5	14	4	0	4
	15	3	0	3	15	10	0	10
	16	8	0	8	16	3	0	3
	17	3	0	3	17	10	0	10
	18	0	0	0	18	0	0	0
	19	3	0	3				0
	20	1	0	1				0
	21	0	0	0				0
	No/ovary	174	8	182	No/ovary	150	6	156
	No/animal	324	14	338				

90R0066/05R034

Differential Ovarian Follicle Count
(DOFC) - Individual Values
F1 generation, rearing animals, cohort 1A

IIC- 239/556

Group: 13								
Animal No.:	Ovary 1 Slide No.:	Number of Follicles:			Ovary 2 Slide No.:	Number of Follicles:		
		primordial	growing	primordial and growing		primordial	growing	primordial and growing
380	1	0	0	0	1	0	0	0
	2	1	0	1	2	7	0	7
	3	4	0	4	3	2	0	2
	4	5	0	5	4	11	0	11
	5	3	0	3	5	5	0	5
	6	13	0	13	6	2	1	3
	7	8	0	8	7	8	0	8
	8	2	0	2	8	3	0	3
	9	3	2	5	9	7	0	7
	10	3	0	3	10	1	0	1
	11	4	0	4	11	17	0	17
	12	3	0	3	12	4	0	4
	13	11	1	12	13	9	1	10
	14	8	0	8	14	12	0	12
	15	6	0	6	15	4	1	5
	16	5	0	5	16	2	0	2
	17	3	1	4	17	3	0	3
	18	8	0	8	18	10	0	10
	19	12	0	12	19	1	0	1
	20	6	0	6	20	3	0	3
	21	1	0	1	21	7	0	7
	22	2	0	2	22	2	0	2
	23	2	0	2	23	0	0	0
	No/ovary	113	4	117	No/ovary	120	3	123
	No/animal	233	7	240				
	No/group	7972	239	8211				

BASF PATHOLOGY REPORT IIC 240/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	M
	Group	10
	Animal	201

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Heart
Necrosis/ fibrosis, myocardial, (multi)focal, grade 1.
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Eosinophilic droplets in tubular epithelial cells, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Pancreas
Atrophy, acinar cell (multi)focal, grade 2.
Pituitary gland
Craniopharyngeal structures, aberrant.
Dilation of Rathke's cleft.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Thyroid glands
Ectopia, thymic tissue, unilateral.
All other organs examined without microscopic findings.

	Animal	202
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General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 241/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	M
	Group	10
	cont. Animal	202

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Lungs
Histiocytosis, alveolar, (multi)focal, grade 1.
Prostate
Inflammation, chronic, grade 1.
Rectum
Parasite(s) in lumen.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
All other organs examined without microscopic findings.

	Animal	203
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General information
Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Eosinophilic droplets in tubular epithelial cells, grade 1.
Cyst(s), unilateral.
Left epididymis
Infiltration, lymphoid cell, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

..... Sacrifice R1
Sex M
Group 10
cont. Animal 203

Thyroid glands
Altered colloid, grade 1.
Hypertrophy/hyperplasia, follicular cell, grade 1.
All other organs examined without microscopic findings.

..... Animal 204

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Lungs
Fibrosis, (multi)focal, pleural, grade 2.
Prostate
Inflammation, chronic, grade 2.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Thyroid glands
Altered colloid, grade 1.
All other organs examined without microscopic findings.

..... Animal 205

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	M
	Group	10
	cont. Animal	205

Macroscopic findings

Glandular stomach
Focus, diameter 2.0 mm, red.
All other organs without macroscopic findings.

Microscopic findings

Eyes with optic nerve
Rosette, retinal, unilateral.
Glandular stomach
No histopathologic correlate to gross lesion(s).
Metaplasia, basal cell, grade 2.
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.
Peri-/vasculitis, grade 1.
Prostate
Inflammation, chronic, grade 2.
All other organs examined without microscopic findings.

	Animal	206
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General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Eyes with optic nerve
Rosette, retinal, unilateral.
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Eosinophilic droplets in tubular epithelial cells, grade 1.
Cyst(s), unilateral.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex M
Group 10
cont. Animal 206

Pancreas
Atrophy, acinar cell (multi)focal, grade 1.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 2.
Thyroid glands
Ectopia, thymic tissue, unilateral.
All other organs examined without microscopic findings.

Animal 207

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Cast, tubular, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.
Focus of cellular alteration.
- Eosinophilic focus.
Thyroid glands
Altered colloid, grade 1.
All other organs examined without microscopic findings.

Animal 208

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	M
	Group	10
	cont. Animal	208

Macroscopic findings
Animal without particular findings.

Microscopic findings
Heart
Necrosis/ fibrosis, myocardial, (multi)focal, grade 1.
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Lungs
Osseous metaplasia, (multi)focal.
Prostate
Inflammation, chronic, grade 3.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
All other organs examined without microscopic findings.

	Animal	209
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General information
Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Mammary gland
Atrophy.
Mammary gland fat pad
Atrophy.
Pancreas
Atrophy, acinar cell (multi)focal, grade 2.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	M
	Group	10
	cont. Animal	209

Pituitary gland
Dilation of Rathke's cleft.
Prostate
Atrophy, (multi)focal, grade 1.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 1.
Fibrosis, capsule, grade 2.
All other organs examined without microscopic findings.

	Animal	210
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General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings

Kidneys
Cyst, left side, diameter 2.0 mm.
All other organs without macroscopic findings.

Microscopic findings

Kidneys
No histopathologic correlate to gross lesion(s).
Tubules, basophilic, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Pancreas
Inflammation, (multi)focal, grade 1.
Peyers patch
No or insufficient tissue present on slide.
Pituitary gland
Cyst(s), pars distalis.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 2.
Pigment storage, grade 1.
All other organs examined without microscopic findings.

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F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	M
	Group	10
	Animal	211

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Cast, tubular, unilateral, grade 2.
Left testicle
Degeneration, tubular, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Parathyroid glands
Unilaterally investigated or present. No histopathologic findings noted.
Prostate
Inflammation, chronic, grade 1.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 3.
All other organs examined without microscopic findings.

	Animal	212
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General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings

Kidneys
Pelvic dilation, unilateral, right side.
All other organs without macroscopic findings.

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F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	M
	Group	10
	cont. Animal	212

Microscopic findings

Forestomach
Inflammation, (multi)focal, grade 1.
Heart
Necrosis/ fibrosis, myocardial, (multi)focal, grade 2.
Kidneys
Gross lesion(s) evaluated histopathologically.
Dilation, renal pelvis, unilateral, grade 2, correlates to gross lesion
Pelvic dilation.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 2.
Pancreas
Inflammation, (multi)focal, grade 1.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 2.
Pigment storage, grade 1.
All other organs examined without microscopic findings.

	Animal	213
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General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Infiltration, lymphoid cell, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 2.
Prostate
Inflammation, chronic, grade 3.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Thyroid glands
Ectopia, thymic tissue, unilateral.
All other organs examined without microscopic findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	M
	Group	10
	Animal	214

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings

Esophagus
Dilation, caudal, content firm.
Glandular stomach
Focus, diameter 2.0 mm, black.
Mediastinal lymph nodes
Enlarged.
All other organs without macroscopic findings.

Microscopic findings

Esophagus
Gross lesion(s) evaluated histopathologically.
Necrosis/granulation tissue, (multi)focal, grade 5, correlates to gross lesion Dilation.
Glandular stomach
Gross lesion(s) evaluated histopathologically.
Erosion/ulcer, correlates to gross lesion Focus.
Heart
Necrosis/fibrosis, myocardial, (multi)focal, grade 1.
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Left epididymis
Infiltration, lymphoid cell, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Lungs
Fibrosis, (multi)focal, pleural, grade 1.
Mediastinal lymph nodes
Gross lesion(s) evaluated histopathologically.
Plasmacytosis, grade 2, correlates to gross lesion Enlarged.
Inflammation, perivascular, grade 3, correlates to gross lesion Enlarged.
Pituitary gland
Dilation of Rathke's cleft.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 2.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

..... Sacrifice R1
Sex M
Group 10
cont. Animal 214

Thymus
(Peri-)vasculitis, (multi)focal, grade 2.
* in region of thymus
All other organs examined without microscopic findings.

..... Animal 215

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Glandular stomach
Dilation, glands, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.
Lungs
Osseous metaplasia, (multi)focal.
Pituitary gland
Dilation of Rathke's cleft.
Rectum
Parasite(s) in lumen.
All other organs examined without microscopic findings.

..... Animal 216

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	M
	Group	10
	cont. Animal	216

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Mineralization, papilla, (multi)focal, unilateral, grade 1.
Nuclear crowding, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 2.
Pituitary gland
Hyperplasia, pars distalis, (multi)focal.
Seminal vesicle
Infiltration, lymphoid cell, (multi)focal, grade 1.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 1.
All other organs examined without microscopic findings.

	Animal	217
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General information
Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Left epididymis
Infiltration, lymphoid cell, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Fibrosis, focal, grade 2.
Prostate
Atrophy, (multi)focal, grade 2.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 3.
Pigment storage, grade 1.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex M
Group 10
cont. Animal 217

All other organs examined without microscopic findings.

Animal 218

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 2.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.
Lungs
Osseous metaplasia, (multi)focal.
Pancreas
Inflammation, (multi)focal, grade 1.
Prostate
Inflammation, chronic, grade 3.
Rectum
Parasite(s) in lumen.
All other organs examined without microscopic findings.

Animal 219

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	M
	Group	10
	cont. Animal	219

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys

Tubules, basophilic, (multi)focal, grade 1.
Cyst(s), unilateral.

Liver

Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.

Prostate

Inflammation, chronic, grade 3.
Atrophy, (multi)focal, grade 1.

Spleen

Hematopoiesis, extramedullary, (multi)focal, grade 3.

All other organs examined without microscopic findings.

	Animal	220
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General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Liver

Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.

Parathyroid glands

Unilaterally investigated or present. No histopathologic findings noted.

Prostate

Cell cluster, luminal.

Spleen

Hematopoiesis, extramedullary, (multi)focal, grade 1.

All other organs examined without microscopic findings.

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex M
Group 11
Animal 221

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Nuclear crowding, grade 1.
Tubules, basophilic, (multi)focal, grade 2.
* Grade 1 in contralateral organ.
Eosinophilic droplets in tubular epithelial cells, grade 2.
All other organs examined without microscopic findings.

Animal 222

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

Animal 223

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1A

..... Sacrifice R1
Sex M
Group 11
cont. Animal 223
.....
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
All other organs examined without microscopic findings.

..... Animal 224
.....

General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Infiltration, lymphoid cell, (multi)focal, grade 1.
All other organs examined without microscopic findings.

..... Animal 225
.....

General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings
Kidneys
Retraction, left side, diameter 3.0 mm.
All other organs without macroscopic findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

..... Sacrifice R1
Sex M
Group 11
cont. Animal 225

Microscopic findings

Kidneys

Gross lesion(s) evaluated histopathologically.

Tubules, basophilic, (multi)focal, grade 3, correlates to gross lesion Retraction.

Eosinophilic droplets in tubular epithelial cells, grade 4.

All other organs examined without microscopic findings.

..... Animal 226

General information

Sex : Male

Group : 11 (20 mg/kg)

Sacrifice : F1 rearing animals, cohort 1A

Necropsy status : Planned sacrifice

Date of death : 15.Feb.2018

65 days after start of exposure

1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 227

General information

Sex : Male

Group : 11 (20 mg/kg)

Sacrifice : F1 rearing animals, cohort 1A

Necropsy status : Planned sacrifice

Date of death : 15.Feb.2018

65 days after start of exposure

1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys

Tubules, basophilic, (multi)focal, grade 1.

Infiltration, lymphoid cell, (multi)focal, grade 1.

Mammary gland

No or insufficient tissue present on slide.

All other organs examined without microscopic findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex M
Group 11
Animal 228

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Infiltration, lymphoid cell, (multi)focal, grade 1.
All other organs examined without microscopic findings.

Animal 229

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

Animal 230

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1A

..... Sacrifice R1
Sex M
Group 11
cont. Animal 230

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

..... Animal 231

General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

..... Animal 232

General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings
Axillary lymph nodes
Enlarged, right side, tissue preserved in cassette.
All other organs without macroscopic findings.

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex M
Group 11
cont. Animal 232
.....

Microscopic findings

Axillary lymph nodes
Unilaterally investigated or present. Gross lesion(s) evaluated histopathologically.
Cyst(s), lymphoid, unilateral, correlates to gross lesion Enlarged.
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Cast, tubular, unilateral, grade 1.
Infiltration, lymphoid cell, (multi)focal, grade 1.
All other organs examined without microscopic findings.

..... Animal 233

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

..... Animal 234

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

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F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex M
Group 11
cont. Animal 234
.....

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Infiltration, lymphoid cell, (multi)focal, grade 1.
Cyst(s), unilateral.
Mammary gland
No or insufficient tissue present on slide.
All other organs examined without microscopic findings.

..... Animal 235
.....

General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

..... Animal 236
.....

General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

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F1 GENERATION, REARING ANIMALS, COHORT 1A

..... Sacrifice R1
Sex M
Group 11
cont. Animal 236

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys

Tubules, basophilic, (multi)focal, unilateral, grade 1.

All other organs examined without microscopic findings.

..... Animal 237

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Glandular stomach

Erosion/ulcer.

Kidneys

Eosinophilic droplets in tubular epithelial cells, grade 1.

Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.

All other organs examined without microscopic findings.

..... Animal 238

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

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F1 GENERATION, REARING ANIMALS, COHORT 1A

..... Sacrifice R1
Sex M
Group 11
cont. Animal 238

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Infiltration, lymphoid cell, (multi)focal, grade 1.
All other organs examined without microscopic findings.

..... Animal 239

General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Infiltration, lymphoid cell, (multi)focal, grade 1.
All other organs examined without microscopic findings.

..... Animal 240

General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

Macroscopic findings
Kidneys
Retraction, few (2-5), diameter 1.0 mm.
All other organs without macroscopic findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice	R1
Sex	M
Group	11
cont. Animal	240

Microscopic findings

Kidneys

Unilaterally investigated or present. Gross lesion(s) evaluated
histopathologically.

Tubules, basophilic, (multi)focal, unilateral, grade 2.

Cyst(s), unilateral, correlates to gross lesion Retraction.

All other organs examined without microscopic findings.

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F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	M
	Group	12
	Animal	241

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

Animal 242

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Glandular stomach
Dilation, glands, grade 1.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

Animal 243

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

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F1 GENERATION, REARING ANIMALS, COHORT 1A

..... Sacrifice R1
Sex M
Group 12
cont. Animal 243

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Infiltration, lymphoid cell, (multi)focal, grade 1.
All other organs examined without microscopic findings.

..... Animal 244

General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Tubules, basophilic, (multi)focal, grade 2.
Cast, tubular, unilateral, grade 1.
Dilation, tubular, grade 1.
Infiltration, lymphoid cell, (multi)focal, grade 1.
All other organs examined without microscopic findings.

..... Animal 245

General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

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F1 GENERATION, REARING ANIMALS, COHORT 1A

..... Sacrifice R1
Sex M
Group 12
cont. Animal 245

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys

Tubules, basophilic, (multi)focal, unilateral, grade 1.

All other organs examined without microscopic findings.

..... Animal 246

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings

Kidneys

Retraction, right side, few (2-5), to diameter 1.0 mm.

All other organs without macroscopic findings.

Microscopic findings

Kidneys

Gross lesion(s) evaluated histopathologically.

Tubules, basophilic, (multi)focal, grade 1, correlates to gross lesion

Retraction.

Cyst(s), unilateral.

Mammary gland

Atrophy.

Mammary gland fat pad

Atrophy.

All other organs examined without microscopic findings.

..... Animal 247

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

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F1 GENERATION, REARING ANIMALS, COHORT 1A

..... Sacrifice R1
Sex M
Group 12
cont. Animal 247

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

..... Animal 248

General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Glandular stomach
(Peri-)vasculitis, serosal, grade 2.
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Mammary gland
Atrophy.
Mammary gland fat pad
Atrophy.
All other organs examined without microscopic findings.

..... Animal 249

General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1A

.....
Sacrifice R1
Sex M
Group 12
cont. Animal 249
.....

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Dilation, tubular, grade 1.
Infiltration, lymphoid cell, (multi)focal, grade 1.
All other organs examined without microscopic findings.

..... Animal 250
.....

General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

..... Animal 251
.....

General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings
Liver
Focus, between left medial lobe and right medial lobe, diameter 3.0 mm,
yellow white.
All other organs without macroscopic findings.

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	M
	Group	12
	cont. Animal	251

Microscopic findings

Glandular stomach
Dilation, glands, grade 2.
Metaplasia, basal cell, grade 1.
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Infiltration, lymphoid cell, (multi)focal, grade 1.
Liver
No histopathologic correlate to gross lesion(s). No histopathologic finding noted.
All other organs examined without microscopic findings.

	Animal	252
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General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings

Glandular stomach
Focus, few (2-5), diameter 2.0 mm, black.
Liver
Focus, papillary process, unilateral, several (6-10), diameter 1.0 mm, yellow.
All other organs without macroscopic findings.

Microscopic findings

Glandular stomach
Gross lesion(s) evaluated histopathologically.
Erosion/ulcer, correlates to gross lesion Focus.
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Gross lesion(s) evaluated histopathologically.
Fibrosis, capsule, with inflammation, grade 3, correlates to gross lesion Focus.
All other organs examined without microscopic findings.

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F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex M
Group 12
Animal 253

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

Animal 254

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings

Liver
Focus, papillary process, unilateral, on the margin, diameter 2.0 mm, grey red.
All other organs without macroscopic findings.

Microscopic findings

Kidneys
Infiltration, lymphoid cell, (multi)focal, grade 1.
Liver
Gross lesion(s) evaluated histopathologically.
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Necrosis, (multi)focal, grade 3, correlates to gross lesion Focus.
All other organs examined without microscopic findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	M
	Group	12
	Animal	255

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings

Left epididymis
Organ size reduced, right side.
Left testicle
Discoloration, right side, glassy transparent.
All other organs without macroscopic findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Left epididymis
Gross lesion(s) evaluated histopathologically.
Oligospermia, grade 5, correlates to gross lesion Organ size reduced.
Left testicle
Gross lesion(s) evaluated histopathologically.
Degeneration, tubular, diffuse, grade 5, correlates to gross lesion
Discoloration.
All other organs examined without microscopic findings.

	Animal	256
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General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
63 days after end of exposure

Macroscopic findings

Liver
Torsion, papillary process.
All other organs without macroscopic findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex M
Group 12
cont. Animal 256
.....

Microscopic findings

Kidneys

Tubules, basophilic, (multi)focal, unilateral, grade 1.

Liver

Gross lesion(s) evaluated histopathologically.

Torsion of lobe, correlates to gross lesion Torsion.

All other organs examined without microscopic findings.

Animal 257
.....

General information

Sex : Male

Group : 12 (60 mg/kg)

Sacrifice : F1 rearing animals, cohort 1A

Necropsy status : Planned sacrifice

Date of death : 13.Feb.2018

63 days after start of exposure

63 days after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys

Tubules, basophilic, (multi)focal, grade 1.

Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.

All other organs examined without microscopic findings.

Animal 258
.....

General information

Sex : Male

Group : 12 (60 mg/kg)

Sacrifice : F1 rearing animals, cohort 1A

Necropsy status : Planned sacrifice

Date of death : 13.Feb.2018

63 days after start of exposure

63 days after end of exposure

Macroscopic findings

Animal without particular findings.

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F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	M
	Group	12
	cont. Animal	258

Microscopic findings

All organs examined without pathologic findings.

	Animal	259
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General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
63 days after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

	Animal	260
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General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
63 days after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
All other organs examined without microscopic findings.

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F1 GENERATION, REARING ANIMALS, COHORT 1A

.....	Sacrifice	R1
.....	Sex	M
.....	Group	13
.....	Animal	261

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Left testicle
Multinucleated giant cells, grade 2.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Mammary gland
Atrophy.
Mammary gland fat pad
Atrophy.
Prostate
Inflammation, chronic, grade 1.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 1.
Thyroid glands
Altered colloid, grade 1.
Hypertrophy/hyperplasia, follicular cell, grade 1.
All other organs examined without microscopic findings.

.....	Animal	262
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General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

.....	Sacrifice	R1
	Sex	M
	Group	13
	cont. Animal	262

Macroscopic findings

Animal without particular findings.

Microscopic findings

Colon
Parasite(s) in lumen.
Eyes with optic nerve
Rosette, retinal, unilateral.
Glandular stomach
Dilation, glands, grade 1.
Inflammation, (multi)focal, grade 1.
Heart
Necrosis/ fibrosis, myocardial, (multi)focal, grade 2.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 2.
Nuclear crowding, grade 1.
Tubules, basophilic, (multi)focal, grade 2.
Dilation, tubular, grade 1.
Left epididymis
Infiltration, lymphoid cell, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 2.
Necrosis, (multi)focal, grade 1.
Mammary gland
Atrophy.
Mammary gland fat pad
Atrophy.
Prostate
Atrophy, (multi)focal, grade 2.
All other organs examined without microscopic findings.

.....	Animal	263
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General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

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F1 GENERATION, REARING ANIMALS, COHORT 1A

..... Sacrifice R1
Sex M
Group 13
cont. Animal 263

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.
Fatty change, (multi)focal, grade 1.
Pituitary gland
Dilation of Rathke's cleft.
Prostate
Inflammation, chronic, grade 1.
All other organs examined without microscopic findings.

..... Animal 264

General information
Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.
Lungs
Histiocytosis, alveolar, (multi)focal, grade 1.
Mammary gland
Atrophy.
Mammary gland fat pad
Atrophy.
Pancreas
Inflammation, (multi)focal, grade 1.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
All other organs examined without microscopic findings.

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F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	M
	Group	13
	Animal	265

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings

Kidneys
Retraction, left side and right side, diameter 1.0 mm.
All other organs without macroscopic findings.

Microscopic findings

Cecum
Parasite(s) in lumen.
Ductus deferens
* remnant
Kidneys
Gross lesion(s) evaluated histopathologically.
Tubules, basophilic, (multi)focal, unilateral, grade 1, correlates to gross lesion Retraction.
Left epididymis
Infiltration, lymphoid cell, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 3.
Mammary gland
Atrophy.
Mammary gland fat pad
Atrophy.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 1.
All other organs examined without microscopic findings.

	Animal	266
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General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

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F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	M
	Group	13
	cont. Animal	266

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 2.
Tubules, basophilic, (multi)focal, grade 2.
Left testicle
Degeneration, tubular, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Parathyroid glands
Unilaterally investigated or present. No histopathologic findings noted.
All other organs examined without microscopic findings.

	Animal	267
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General information
Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Colon
Parasite(s) in lumen.
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Lungs
Inflammatory cell infiltrates, (multi)focal, grade 1.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
All other organs examined without microscopic findings.

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F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	M
	Group	13
	Animal	268

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Heart
Necrosis/ fibrosis, myocardial, (multi)focal, grade 1.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 3.
Tubules, basophilic, (multi)focal, grade 2.
Cast, tubular, unilateral, grade 1.
Dilation, tubular, grade 2.
Infiltration, lymphoid cell, (multi)focal, grade 1.
Left testicle
Degeneration, tubular, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 2.
Mammary gland
Atrophy.
Mammary gland fat pad
Atrophy.
Pituitary gland
Dilation of Rathke's cleft.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 3.
All other organs examined without microscopic findings.

	Animal	269
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General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

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F1 GENERATION, REARING ANIMALS, COHORT 1A

.....	Sacrifice	R1
	Sex	M
	Group	13
	cont. Animal	269

Macroscopic findings

Animal without particular findings.

Microscopic findings

Ductus deferens
Debris, unilateral, grade 1.
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Lungs
Histiocytosis, alveolar, (multi)focal, grade 1.
Mammary gland
Atrophy.
Mammary gland fat pad
Atrophy.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 2.
Thyroid glands
Ectopia, thymic tissue, unilateral.
All other organs examined without microscopic findings.

.....	Animal	270
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General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Ductus deferens
Unilaterally investigated or present. No histopathologic findings noted.
Heart
Necrosis/ fibrosis, myocardial, (multi)focal, grade 1.
(Peri-)vasculitis, (multi)focal, grade 1.
Kidneys
Nuclear crowding, grade 1.
Tubules, basophilic, (multi)focal, grade 1.
Dilation, tubular, grade 2.

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F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	M
	Group	13
	cont. Animal	270

Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.

Lungs
Osseous metaplasia, (multi)focal.
Inflammatory cell infiltrates, (multi)focal, grade 2.

Mammary gland

Atrophy.

Mammary gland fat pad

Atrophy.

Pancreas

Atrophy, acinar cell (multi)focal, grade 1.

Spleen

Hematopoiesis, extramedullary, (multi)focal, grade 1.

Pigment storage, grade 1.

All other organs examined without microscopic findings.

Animal	271
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General information

Sex : Male

Group : 13 (180 mg/kg)

Sacrifice : F1 rearing animals, cohort 1A

Necropsy status : Planned sacrifice

Date of death : 12.Feb.2018

62 days after start of exposure

1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys

Mineralization, papilla, (multi)focal, grade 3.

Nuclear crowding, grade 1.

Liver

Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.

Fatty change, (multi)focal, grade 1.

Parathyroid glands

No or insufficient tissue present on slide.

Spleen

Hematopoiesis, extramedullary, (multi)focal, grade 3.

Pigment storage, grade 1.

All other organs examined without microscopic findings.

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F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	M
	Group	13
	Animal	272

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings

Glandular stomach
Focus, diameter 4.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings

Glandular stomach
Gross lesion(s) evaluated histopathologically.
Erosion/ulcer, correlates to gross lesion Focus.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, unilateral, grade 1.
Nuclear crowding, grade 1.
Tubules, basophilic, (multi)focal, grade 2.
Dilation, tubular, grade 2.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Necrosis, (multi)focal, grade 2.
Prostate
Atrophy, (multi)focal, grade 3.
Thyroid glands
Ectopia, thymic tissue, unilateral.
All other organs examined without microscopic findings.

	Animal	273
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General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

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F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex M
Group 13
cont. Animal 273

Macroscopic findings
Animal without particular findings.

Microscopic findings
Glandular stomach
Inflammation, (multi)focal, grade 1.
Kidneys
Nuclear crowding, grade 1.
Tubules, basophilic, (multi)focal, grade 1.
Dilation, tubular, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Pancreas
Atrophy, acinar cell (multi)focal, grade 3.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 2.
Pigment storage, grade 1.
Thymus
Cyst(s).
All other organs examined without microscopic findings.

Animal 274

General information
Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Left testicle
Degeneration, tubular, (multi)focal, grade 2.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Pancreas
Inflammation, (multi)focal, grade 1.

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F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	M
	Group	13
	cont. Animal	274

Pituitary gland
Dilation of Rathke's cleft.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 3.
Pigment storage, grade 1.
All other organs examined without microscopic findings.

	Animal	275
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General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Nuclear crowding, grade 2.
Tubules, basophilic, (multi)focal, grade 1.
Dilation, tubular, grade 1.
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Parathyroid glands
Unilaterally investigated or present. No histopathologic findings noted.
Pituitary gland
Dilation of Rathke's cleft.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 2.
Pigment storage, grade 1.
Thymus
Cyst(s).
All other organs examined without microscopic findings.

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F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	M
	Group	13
	Animal	276

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Ductus deferens
Unilaterally investigated or present. No histopathologic findings noted.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, unilateral, grade 1.
Tubules, basophilic, (multi)focal, grade 2.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 2.
Prostate
Inflammation, chronic, grade 1.
Atrophy, (multi)focal, grade 1.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
All other organs examined without microscopic findings.

	Animal	277
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General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	M
	Group	13
	cont. Animal	277

Microscopic findings

Glandular stomach
Erosion/ulcer.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 3.
* Grade 1 in contralateral organ.
Tubules, basophilic, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Pancreas
Atrophy, acinar cell (multi)focal, grade 2.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Thyroid glands
Ectopia, thymic tissue, unilateral.
All other organs examined without microscopic findings.

	Animal	278
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General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

Macroscopic findings

Glandular stomach
Focus, few (2-5) diameter 2.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings

Glandular stomach
Gross lesion(s) evaluated histopathologically.
Erosion/ulcer, correlates to gross lesion Focus.
Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Fatty change, (multi)focal, grade 1.
Lungs
Inflammatory cell infiltrates, (multi)focal, grade 1.

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F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	M
	Group	13
	cont. Animal	278

Prostate
Inflammation, chronic, grade 2.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Thyroid glands
Ectopia, thymic tissue, unilateral.
All other organs examined without microscopic findings.

	Animal	279
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General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

Macroscopic findings

Glandular stomach
Focus, few (2-5), diameter 2.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings

Axillary lymph nodes
Unilaterally investigated or present. No histopathologic findings noted.
Glandular stomach
Gross lesion(s) evaluated histopathologically.
Erosion/ulcer, correlates to gross lesion Focus.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 3.
Tubules, basophilic, (multi)focal, grade 2.
Dilation, tubular, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Fatty change, periportal, grade 2.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
All other organs examined without microscopic findings.

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F1 GENERATION, REARING ANIMALS, COHORT 1A

.....	Sacrifice	R1
.....	Sex	M
.....	Group	13
.....	Animal	280

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Parathyroid glands
No or insufficient tissue present on slide.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 1.
All other organs examined without microscopic findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	F
	Group	10
	Animal	301

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Cecum
Parasite(s) in lumen.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Pancreas
Atrophy, acinar cell (multi)focal, grade 1.
Pituitary gland
Dilation of Rathke's cleft.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 1.
All other organs examined without microscopic findings.

	Animal	302
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General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	F
	Group	10
	cont. Animal	302

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys

Mineralization, at transition outer to inner medulla, (multi)focal, grade 3.

* Grade 2 in contralateral organ

Tubules, basophilic, (multi)focal, unilateral, grade 1.

Cyst(s), unilateral.

Liver

Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.

Spleen

Pigment storage, grade 1.

All other organs examined without microscopic findings.

	Animal	303
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General information

Sex : Female

Group : 10 (0 mg/kg)

Sacrifice : F1 rearing animals, cohort 1A

Necropsy status : Planned sacrifice

Date of death : 14.Feb.2018

64 days after start of exposure

1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys

Mineralization, at transition outer to inner medulla, (multi)focal, grade 3.

Tubules, basophilic, (multi)focal, unilateral, grade 1.

Liver

Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.

Pancreas

Atrophy, acinar cell (multi)focal, grade 1.

Spleen

Hematopoiesis, extramedullary, (multi)focal, grade 1.

All other organs examined without microscopic findings.

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F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	F
	Group	10
	Animal	304

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Axillary lymph nodes
Unilaterally investigated or present. No histopathologic findings noted.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 3.
* Grade 2 in contralateral organ
Tubules, basophilic, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 2.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 2.
Pigment storage, grade 1.
All other organs examined without microscopic findings.

	Animal	305
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General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings

Glandular stomach
Focus, length 5.0 mm, width 1.0 mm, red.
All other organs without macroscopic findings.

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	F
	Group	10
	cont. Animal	305

Microscopic findings

Colon
Parasite(s) in lumen.
Glandular stomach
No histopathologic correlate to gross lesion(s). No histopathologic finding noted.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Tubules, basophilic, (multi)focal, grade 1.
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Oviducts
Unilaterally investigated or present. No histopathologic findings noted.
Rectum
Parasite(s) in lumen.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 1.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 1.
Thyroid glands
Ectopia, thymic tissue, unilateral.
All other organs examined without microscopic findings.

	Animal	306
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General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.

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F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex F
Group 10
cont. Animal 306
.....

Spleen
Pigment storage, grade 1.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 1.
All other organs examined without microscopic findings.

..... Animal 307

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Colon
Parasite(s) in lumen.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Spleen
Pigment storage, grade 1.
All other organs examined without microscopic findings.

..... Animal 308

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	F
	Group	10
	cont. Animal	308

Macroscopic findings

Animal without particular findings.

Microscopic findings

Cecum

Parasite(s) in lumen.

Kidneys

Mineralization, at transition outer to inner medulla, (multi)focal, unilateral, grade 1.

Liver

Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.

Spleen

Pigment storage, grade 1.

All other organs examined without microscopic findings.

Animal	309
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General information

Sex : Female

Group : 10 (0 mg/kg)

Sacrifice : F1 rearing animals, cohort 1A

Necropsy status : Planned sacrifice

Date of death : 15.Feb.2018

65 days after start of exposure

1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Adrenal cortex

Inflammatory cell infiltrates, (multi)focal, grade 1.

Kidneys

Mineralization, at transition outer to inner medulla, (multi)focal, unilateral, grade 1.

Liver

Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.

Pituitary gland

Dilation of Rathke's cleft.

Spleen

Hematopoiesis, extramedullary, (multi)focal, grade 1.

Pigment storage, grade 2.

Thymus

Hyperplasia, tubules and cords, (multi)focal, grade 1.

All other organs examined without microscopic findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	F
	Group	10
	Animal	310

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Spleen
Pigment storage, grade 1.
All other organs examined without microscopic findings.

	Animal	311
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General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Colon
Parasite(s) in lumen.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Pancreas
Atrophy, acinar cell (multi)focal, grade 1.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

..... Sacrifice R1
Sex F
Group 10
cont. Animal 311

Parathyroid glands
Unilaterally investigated or present. No histopathologic findings noted.
Pituitary gland
Vacuolization, pars nervosa, grade 3.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 2.
Pigment storage, grade 2.
All other organs examined without microscopic findings.

..... Animal 312

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Heart
(Peri-)vasculitis, (multi)focal, grade 1.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 2.
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Pancreas
Atrophy, acinar cell (multi)focal, grade 1.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 2.
All other organs examined without microscopic findings.

..... Animal 313

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	F
	Group	10
	cont. Animal	313

Macroscopic findings

Glandular stomach

Focus, diameter 2.0 mm, black.

All other organs without macroscopic findings.

Microscopic findings

Cecum

Parasite(s) in lumen.

Glandular stomach

Gross lesion(s) evaluated histopathologically.

Erosion/ulcer, correlates to gross lesion Focus.

Kidneys

Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.

Tubules, basophilic, (multi)focal, unilateral, grade 1.

Liver

Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.

Pancreas

Atrophy, acinar cell (multi)focal, grade 1.

Parathyroid glands

No or insufficient tissue present on slide.

Pituitary gland

Craniopharyngeal structures, aberrant.

Spleen

Pigment storage, grade 1.

Thyroid glands

Ectopia, thymic tissue, unilateral.

All other organs examined without microscopic findings.

	Animal	314
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General information

Sex : Female

Group : 10 (0 mg/kg)

Sacrifice : F1 rearing animals, cohort 1A

Necropsy status : Planned sacrifice

Date of death : 12.Feb.2018

62 days after start of exposure

1 day after end of exposure

Macroscopic findings

Animal without particular findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex F
Group 10
cont. Animal 314
.....

Microscopic findings

Kidneys

Mineralization, at transition outer to inner medulla, (multi)focal, grade 2.
Tubules, basophilic, (multi)focal, grade 1.

Liver

Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.

Spleen

Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 1.

Thymus

Hyperplasia, tubules and cords, (multi)focal, grade 1.

All other organs examined without microscopic findings.

Animal 315
.....

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Adrenal cortex

Accessory cortical tissue, unilateral.

Heart

Necrosis/ fibrosis, myocardial, (multi)focal, grade 1.

Kidneys

Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Tubules, basophilic, (multi)focal, unilateral, grade 1.

Liver

Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.

Pituitary gland

Dilation of Rathke's cleft.

Spleen

Hematopoiesis, extramedullary, (multi)focal, grade 2.
Pigment storage, grade 2.

Thymus

Hyperplasia, tubules and cords, (multi)focal, grade 1.

All other organs examined without microscopic findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	F
	Group	10
	Animal	316

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 2.
Pigment storage, grade 2.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 1.
All other organs examined without microscopic findings.

	Animal	317
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General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

Macroscopic findings

Glandular stomach
Focus, diameter 2.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings

Glandular stomach
Gross lesion(s) evaluated histopathologically.
Erosion/ulcer, correlates to gross lesion Focus.
Kidneys
Mineralization, papilla, (multi)focal, unilateral, grade 1.
Tubules, basophilic, (multi)focal, unilateral, grade 2.
Infiltration, lymphoid cell, (multi)focal, unilateral, grade 1.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex F
Group 10
cont. Animal 317
.....

Liver

Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.

Parathyroid glands

Unilaterally investigated or present. No histopathologic findings noted.

All other organs examined without microscopic findings.

Animal 318
.....

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys

Mineralization, at transition outer to inner medulla, (multi)focal,
unilateral, grade 1.

Liver

Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.

Thymus

Hyperplasia, tubules and cords, (multi)focal, grade 1.

All other organs examined without microscopic findings.

Animal 319
.....

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

.....	Sacrifice	R1
.....	Sex	F
.....	Group	10
.....	cont. Animal	319

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys

Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.

Mineralization, papilla, (multi)focal, unilateral, grade 1.

Tubules, basophilic, (multi)focal, grade 1.

Liver

Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.

Pancreas

Atrophy, acinar cell (multi)focal, grade 1.

Pituitary gland

Dilation of Rathke's cleft.

Spleen

Pigment storage, grade 1.

All other organs examined without microscopic findings.

.....	Animal	320
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General information

Sex : Female

Group : 10 (0 mg/kg)

Sacrifice : F1 rearing animals, cohort 1A

Necropsy status : Planned sacrifice

Date of death : 13.Feb.2018

63 days after start of exposure

1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Heart

Necrosis/ fibrosis, myocardial, (multi)focal, grade 1.

Kidneys

Mineralization, at transition outer to inner medulla, (multi)focal, grade 3.

Liver

Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.

Pancreas

Inflammation, (multi)focal, grade 1.

Spleen

Hematopoiesis, extramedullary, (multi)focal, grade 2.

Pigment storage, grade 1.

All other organs examined without microscopic findings.

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex F
Group 11
Animal 321
.....

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 322

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 323

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1A

..... Sacrifice R1
Sex F
Group 11
cont. Animal 323

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 324

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 325

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 326

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1A

..... Sacrifice R1
Sex F
Group 11
cont. Animal 326
.....
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 327
.....

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 328
.....

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1A

..... Sacrifice R1
Sex F
Group 11
Animal 329

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 330

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 331

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1A

..... Sacrifice R1
Sex F
Group 11
cont. Animal 331

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 332

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 333

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 334

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure

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SINGLE ANIMAL SHEET
 F1 GENERATION, REARING ANIMALS, COHORT 1A

..... Sacrifice R1
 Sex F
 Group 11
 cont. Animal 334

 1 day after end of exposure

Macroscopic findings
 Animal without particular findings.

Microscopic findings
 All organs examined without pathologic findings.

..... Animal 335

General information

Sex : Female
 Group : 11 (20 mg/kg)
 Sacrifice : F1 rearing animals, cohort 1A
 Necropsy status : Planned sacrifice
 Date of death : 12.Feb.2018
 62 days after start of exposure
 1 day after end of exposure

Macroscopic findings
 Animal without particular findings.

Microscopic findings
 All organs examined without pathologic findings.

..... Animal 336

General information

Sex : Female
 Group : 11 (20 mg/kg)
 Sacrifice : F1 rearing animals, cohort 1A
 Necropsy status : Planned sacrifice
 Date of death : 13.Feb.2018
 63 days after start of exposure
 1 day after end of exposure

Macroscopic findings
 Animal without particular findings.

Microscopic findings
 All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex F
Group 11
Animal 337

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal 338

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal 339

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

 Sacrifice R1
 Sex F
 Group 11
 cont. Animal 339

Macroscopic findings

Animal without particular findings.

Microscopic findings

Uterus

Metaplasia, squamous cell, (multi)focal, grade 1.
 All other organs examined without microscopic findings.

 Animal 340

General information

Sex : Female
 Group : 11 (20 mg/kg)
 Sacrifice : F1 rearing animals, cohort 1A
 Necropsy status : Planned sacrifice
 Date of death : 13.Feb.2018
 63 days after start of exposure
 1 day after end of exposure

Macroscopic findings

Kidneys

Retraction, right side, diameter 2.0 mm.
 All other organs without macroscopic findings.

Microscopic findings

Kidneys

No histopathologic correlate to gross lesion(s). No histopathologic finding noted.
 All other organs examined without microscopic findings.

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1A

..... Sacrifice R1
Sex F
Group 12
Animal 341

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 342

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 343

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1A

..... Sacrifice R1
Sex F
Group 12
cont. Animal 343

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 344

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 345

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 346

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex F
Group 12
cont. Animal 346
.....
1 day after end of exposure

Macroscopic findings

Lungs
Deposition, right cranial lobe, right middle lobe, beige.
Mediastinal lymph nodes
Enlarged, tissue preserved in cassette.
Spleen
Enlarged.
All other organs without macroscopic findings.

Microscopic findings

Lungs
Gross lesion(s) evaluated histopathologically.
Inflammation, diffuse, pleura, grade 4, correlates to gross lesion
Deposition.
* with foreign material
Mediastinal lymph nodes
Gross lesion(s) evaluated histopathologically.
Inflammation, (multi)focal, with foreign material, grade 2, correlates to
gross lesion Enlarged.
Plasmocytosis, grade 5, correlates to gross lesion Enlarged.
Spleen
No histopathologic correlate to gross lesion(s).
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 3.
All other organs examined without microscopic findings.

..... Animal 347

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

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F1 GENERATION, REARING ANIMALS, COHORT 1A

..... Sacrifice R1
Sex F
Group 12
cont. Animal 347

Microscopic findings

Uterus

Metaplasia, squamous cell, (multi)focal, grade 1.

All other organs examined without microscopic findings.

..... Animal 348

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 349

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 350

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

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F1 GENERATION, REARING ANIMALS, COHORT 1A

..... Sacrifice R1
Sex F
Group 12
cont. Animal 350

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 351

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 352

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 353

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex F
Group 12
cont. Animal 353
.....
1 day after end of exposure

Macroscopic findings

Glandular stomach
Focus, few (2-5), diameter 2.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings

Glandular stomach
Gross lesion(s) evaluated histopathologically.
Erosion/ulcer, correlates to gross lesion Focus.
All other organs examined without microscopic findings.

..... Animal 354

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 355

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	F
	Group	12
	cont. Animal	355

Macroscopic findings
Glandular stomach
Focus, diameter 2.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings
Glandular stomach
Gross lesion(s) evaluated histopathologically.
Erosion/ulcer, correlates to gross lesion Focus.
All other organs examined without microscopic findings.

	Animal	356
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General information
Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

	Animal	357
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General information
Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

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F1 GENERATION, REARING ANIMALS, COHORT 1A

..... Sacrifice R1
Sex F
Group 12
cont. Animal 357

Microscopic findings

All organs examined without pathologic findings.

..... Animal 358

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 359

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 360

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

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F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	F
	Group	12
	cont. Animal	360

.....

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

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F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	F
	Group	13
	Animal	361

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Pancreas
Atrophy, acinar cell (multi)focal, grade 1.
Rectum
Parasite(s) in lumen.
Spleen
Pigment storage, grade 1.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 1.
All other organs examined without microscopic findings.

	Animal	362
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General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Spontaneous death
Date of death : 12.Dec.2017
7 days after start of exposure

Macroscopic findings

Lungs
Discoloration, in all lobes, dark red.
All other organs without macroscopic findings.

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	F
	Group	13
	cont. Animal	362

Microscopic findings

Axillary lymph nodes
No or insufficient tissue present on slide.
Bone marrow
* Remnant.
Eyes with optic nerve
Organ autolytic, partial evaluation possible. No histopathologic finding noted.
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Lungs
Gross lesion(s) evaluated histopathologically.
Inflammation, (multi)focal, with fibrin, grade 2, correlates to gross lesion
Discoloration.
Mammary gland
Hyperplasia with atypia, (multi)focal.
Parathyroid glands
No or insufficient tissue present on slide.
Pituitary gland
Dilation of Rathke's cleft.
Rectum
Parasite(s) in lumen.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 4.
Uterus
Atrophy, diffuse, grade 4.
All other organs examined without microscopic findings.

	Animal	363
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General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

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F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	F
	Group	13
	cont. Animal	363

Macroscopic findings
Animal without particular findings.

Microscopic findings
Cecum
Parasite(s) in lumen.
Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Pancreas
Atrophy, acinar cell (multi)focal, grade 1.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 1.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 1.
All other organs examined without microscopic findings.

	Animal	364
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General information
Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, unilateral, grade 2.
Cyst(s), unilateral.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 2.
Fatty change, periportal, grade 1.
Pituitary gland
Dilation of Rathke's cleft.
All other organs examined without microscopic findings.

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F1 GENERATION, REARING ANIMALS, COHORT 1A

.....	Sacrifice	R1
.....	Sex	F
.....	Group	13
.....	Animal	365

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Eyes with optic nerve
Rosette, retinal, unilateral.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 2.
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Pancreas
Atrophy, acinar cell (multi)focal, grade 1.
Pituitary gland
Dilation of Rathke's cleft.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 1.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 1.
Uterus
Metaplasia, squamous cell, (multi)focal, grade 1.
All other organs examined without microscopic findings.

.....	Animal	366
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General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 14.Feb.2018
64 days after start of exposure
1 day after end of exposure

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F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	F
	Group	13
	cont. Animal	366

Macroscopic findings
Animal without particular findings.

Microscopic findings
Glandular stomach
Metaplasia, basal cell, grade 2.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 2.
Tubules, basophilic, (multi)focal, grade 2.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Pituitary gland
Dilation of Rathke's cleft.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 1.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 1.
All other organs examined without microscopic findings.

	Animal	367
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General information
Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings
Glandular stomach
Focus, diameter 3.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings
Glandular stomach
Gross lesion(s) evaluated histopathologically.
Erosion/ulcer, correlates to gross lesion Focus.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Tension lipidosis.

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F1 GENERATION, REARING ANIMALS, COHORT 1A

..... Sacrifice R1
Sex F
Group 13
cont. Animal 367

Parathyroid glands
Unilaterally investigated or present. No histopathologic findings noted.

Spleen
Pigment storage, grade 1.
All other organs examined without microscopic findings.

..... Animal 368

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 2.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 1.
All other organs examined without microscopic findings.

..... Animal 369

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

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F1 GENERATION, REARING ANIMALS, COHORT 1A

Sacrifice R1
Sex F
Group 13
cont. Animal 369

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 3.
* Grade 1 in contralateral organ.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.
Fatty change, (multi)focal, grade 1.
Pancreas
Atrophy, acinar cell (multi)focal, grade 1.
Spleen
Pigment storage, grade 1.
Uterus
Metaplasia, squamous cell, (multi)focal, grade 1.
All other organs examined without microscopic findings.

Animal 370

General information
Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 2.
Tubules, basophilic, (multi)focal, unilateral, grade 2.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s),
grade 1.
Lungs
Osseous metaplasia, (multi)focal.
Pancreas
Atrophy, acinar cell (multi)focal, grade 1.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 1.

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F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	F
	Group	13
	cont. Animal	370

All other organs examined without microscopic findings.

	Animal	371
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General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 15.Feb.2018
65 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Parathyroid glands
Unilaterally investigated or present. No histopathologic findings noted.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 1.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 1.
All other organs examined without microscopic findings.

	Animal	372
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General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

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F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	F
	Group	13
	cont. Animal	372

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys

Mineralization, at transition outer to inner medulla, (multi)focal, grade 2.

Liver

Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.

Spleen

Hematopoiesis, extramedullary, (multi)focal, grade 1.

Pigment storage, grade 1.

Thymus

Hyperplasia, tubules and cords, (multi)focal, grade 1.

All other organs examined without microscopic findings.

	Animal	373
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General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Colon

Parasite(s) in lumen.

Kidneys

Mineralization, at transition outer to inner medulla, (multi)focal, grade 1.

Liver

Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.

Spleen

Hematopoiesis, extramedullary, (multi)focal, grade 1.

Pigment storage, grade 1.

Thymus

Hyperplasia, tubules and cords, (multi)focal, grade 1.

All other organs examined without microscopic findings.

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F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	F
	Group	13
	Animal	374

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings

Glandular stomach
Focus, diameter 2.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings

Glandular stomach
Gross lesion(s) evaluated histopathologically.
Erosion/ulcer, correlates to gross lesion Focus.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 3.
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 1.
Thyroid glands
Hyperplasia, follicular cell, cystic, (multi)focal, unilateral.
All other organs examined without microscopic findings.

	Animal	375
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General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	F
	Group	13
	cont. Animal	375

Macroscopic findings

Glandular stomach
Focus, diameter 4.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings

Colon
Parasite(s) in lumen.
Glandular stomach
Gross lesion(s) evaluated histopathologically.
Erosion/ulcer, correlates to gross lesion Focus.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 2.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Pancreas
Inflammation, (multi)focal, grade 1.
Parathyroid glands
Unilaterally investigated or present. No histopathologic findings noted.
Pituitary gland
Cyst(s), pars distalis.
Dilation of Rathke's cleft.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 2.
All other organs examined without microscopic findings.

	Animal	376
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General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 12.Feb.2018
62 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

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F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	F
	Group	13
	cont. Animal	376

Microscopic findings

Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Parathyroid glands
Unilaterally investigated or present. No histopathologic findings noted.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 2.
Thymus
Ectopia, parathyroideal tissue.
All other organs examined without microscopic findings.

	Animal	377
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General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Eyes with optic nerve
Rosette, retinal, unilateral.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, grade 2.
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Tension lipidosis.
Lungs
Osseous metaplasia, (multi)focal.
Pancreas
Atrophy, acinar cell (multi)focal, grade 1.
Spleen
Pigment storage, grade 1.
Thymus
Hyperplasia, tubules and cords, (multi)focal, grade 1.
All other organs examined without microscopic findings.

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PATHOLOGY REPORT

IIC 331/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

06.Feb.2019 HAMA

SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

.....	Sacrifice	R1
.....	Sex	F
.....	Group	13
.....	Animal	378

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

Macroscopic findings

Kidneys
Dilation, in the pelvis.
All other organs without macroscopic findings.

Microscopic findings

Colon
Parasite(s) in lumen.
Glandular stomach
Dilation, glands, grade 1.
Kidneys
Gross lesion(s) evaluated histopathologically.
Cyst(s), unilateral.
Dilation, renal pelvis, grade 3, correlates to gross lesion Dilation.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Pancreas
Atrophy, acinar cell (multi)focal, grade 1.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 1.
All other organs examined without microscopic findings.

.....	Animal	379
-------	--------	-----

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	F
	Group	13
	cont. Animal	379

Macroscopic findings

Animal without particular findings.

Microscopic findings

Colon
Parasite(s) in lumen.
Kidneys
Mineralization, at transition outer to inner medulla, (multi)focal, unilateral, grade 1.
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Lungs
Histiocytosis, alveolar, (multi)focal, grade 1.
Pituitary gland
Dilation of Rathke's cleft.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 1.
Pigment storage, grade 2.
All other organs examined without microscopic findings.

	Animal	380
--	--------	-----

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1A
Necropsy status : Planned sacrifice
Date of death : 13.Feb.2018
63 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Kidneys
Tubules, basophilic, (multi)focal, unilateral, grade 1.
Liver
Infiltration, lymphoid cell and/or presence of Kupffer cell granuloma(s), grade 1.
Rectum
Parasite(s) in lumen.
Spleen
Hematopoiesis, extramedullary, (multi)focal, grade 2.
Pigment storage, grade 1.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1A

	Sacrifice	R1
	Sex	F
	Group	13
	cont. Animal	380

.....

Thymus

Hyperplasia, tubules and cords, (multi)focal, grade 1.

All other organs examined without microscopic findings.

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice	R2					
Sex	M					
Group	10					
	Term. body weight g	Adrenal glands mg	Cauda epididymis g	Epididymides g	Kidneys g	Liver g
M	536.054	59.792	0.542	1.324	3.375	14.813
SD	46.624	7.205	0.064	0.098	0.257	2.241
n	24	24	24	24	24	24
401	548.1	75.0	0.45	1.18	3.05	15.26
402	520.5	65.0	0.57	1.33	3.3	14.42
403	468.9	59.0	0.47	1.19	3.04	10.68
404	492.5	65.0	0.49	1.38	3.29	14.13
405	572.8	56.0	0.55	1.39	3.43	16.67
406	472.7	48.0	0.53	1.3	2.9	12.19
407	578.8	48.0	0.51	1.19	3.47	13.83
408	539.8	51.0	0.54	1.37	3.3	16.25
409	615.5	65.0	0.44	1.23	3.66	17.49
410	516.0	55.0	0.52	1.32	3.38	15.03
411	506.1	73.0	0.56	1.29	3.23	12.01
412	571.2	59.0	0.53	1.4	3.67	16.16
413	478.9	59.0	0.5	1.24	3.15	14.36
414	539.3	64.0	0.56	1.47	3.35	13.03
415	572.7	54.0	0.52	1.26	3.26	14.25
416	467.5	58.0	0.52	1.26	3.22	12.2
417	560.6	67.0	0.55	1.43	3.04	18.84
418	507.5	58.0	0.46	1.2	3.64	14.88
419	580.1	60.0	0.59	1.34	3.73	16.45
420	615.6	57.0	0.67	1.53	3.9	18.46
421	485.4	49.0	0.56	1.29	3.49	16.07
422	550.1	68.0	0.7	1.5	3.52	13.8
423	601.6	59.0	0.61	1.37	3.73	17.84
424	503.1	63.0	0.61	1.31	3.24	11.22

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 10

	Pituitary gland mg	Prostate g	Seminal vesicle g	Testes g
M	12.917	1.557	1.808	3.853
SD	1.248	0.268	0.201	0.317
n	24	24	24	24
401	10.0	1.57	1.69	3.52
402	14.0	1.76	1.87	3.71
403	13.0	1.71	1.96	3.47
404	13.0	1.41	1.6	4.46
405	13.0	1.52	1.84	3.78
406	13.0	1.47	1.77	3.94
407	11.0	1.35	1.78	3.54
408	13.0	1.46	1.75	3.95
409	13.0	1.1	1.44	4.1
410	13.0	1.25	1.81	3.5
411	11.0	1.58	1.81	3.65
412	12.0	1.38	1.99	3.82
413	14.0	1.53	1.83	3.16
414	11.0	1.28	1.62	4.06
415	15.0	1.05	1.54	4.0
416	14.0	1.63	1.79	3.69
417	12.0	1.44	1.9	4.37
418	13.0	1.93	1.92	3.93
419	14.0	1.74	2.11	4.06
420	14.0	2.09	1.29	3.91
421	12.0	1.45	2.03	3.7
422	14.0	1.98	2.08	4.36
423	14.0	1.86	2.0	3.62
424	14.0	1.83	1.96	4.16

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice	R2					
Sex	M					
Group	11					
	Term. body weight g	Adrenal glands mg	Cauda epididymis g	Epididymis g	Kidneys g	Liver g
M	530.863	62.625	0.544	1.347	3.43	15.395
SD	45.523	7.569	0.064	0.098	0.308	2.123
n	24	24	24	24	24	24
425	471.5	65.0	0.55	1.41	3.25	11.97
426	474.2	55.0	0.44	1.16	3.15	12.76
427	548.5	60.0	0.42	1.09	3.16	15.01
428	576.8	69.0	0.46	1.26	3.6	14.22
429	551.9	76.0	0.54	1.43	3.47	13.78
430	552.2	68.0	0.57	1.45	3.16	18.33
431	503.8	53.0	0.5	1.41	3.21	13.46
432	572.8	66.0	0.61	1.46	3.99	15.32
433	506.7	59.0	0.44	1.34	3.3	13.4
434	563.5	64.0	0.56	1.47	3.59	16.35
435	565.1	78.0	0.69	1.51	4.4	18.04
436	539.8	58.0	0.55	1.41	3.6	15.63
437	581.8	65.0	0.49	1.29	3.27	15.22
438	572.1	64.0	0.53	1.37	3.58	16.97
439	516.5	68.0	0.59	1.32	3.33	13.86
440	636.3	61.0	0.51	1.32	3.46	20.37
441	449.8	55.0	0.52	1.32	3.19	14.67
442	469.7	59.0	0.6	1.38	3.44	16.35
443	525.9	64.0	0.57	1.33	3.43	17.77
444	532.5	53.0	0.57	1.33	3.55	15.87
445	516.9	68.0	0.59	1.33	3.33	17.14
446	455.3	44.0	0.59	1.33	3.09	12.46
447	541.7	69.0	0.56	1.22	3.02	13.28
448	515.4	62.0	0.61	1.39	3.74	17.26

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 11

	Pituitary gland mg	Prostate g	Seminal vesicle g	Testes g
M	13.042	1.489	1.725	3.954
SD	1.301	0.267	0.241	0.314
n	24	24	24	24
425	15.0	1.58	1.75	4.26
426	12.0	1.46	1.7	3.62
427	14.0	1.01	1.37	3.58
428	13.0	1.02	1.45	3.68
429	13.0	1.64	1.49	4.09
430	15.0	1.62	1.6	4.04
431	11.0	1.32	1.61	4.25
432	12.0	1.8	1.53	3.85
433	13.0	1.11	1.57	3.57
434	11.0	1.59	1.74	3.79
435	13.0	1.74	2.17	4.55
436	14.0	2.08	1.95	4.3
437	13.0	1.44	1.97	3.79
438	10.0	1.45	2.19	4.32
439	13.0	1.21	1.98	4.22
440	14.0	1.26	1.93	3.69
441	13.0	1.25	1.62	3.86
442	14.0	1.62	2.09	4.06
443	12.0	1.3	1.56	4.48
444	15.0	1.65	1.62	3.79
445	14.0	1.64	1.74	3.86
446	12.0	1.79	1.72	3.66
447	14.0	1.42	1.31	3.4
448	13.0	1.73	1.75	4.18

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice	R2					
Sex	M					
Group	12					
	Term. body weight g	Adrenal glands mg	Cauda epididymis g	Epididym- mides g	Kidneys g	Liver g
M	548.279	67.708	0.535	1.319	3.807	14.677
SD	51.443	9.831	0.061	0.108	0.402	2.185
n	24	24	24	24	24	24
449	582.7	80.0	0.57	1.32	4.37	15.91
450	599.5	84.0	0.53	1.37	3.91	16.13
451	563.7	61.0	0.52	1.39	3.72	15.38
452	633.9	64.0	0.51	1.35	3.7	14.43
453	506.2	54.0	0.58	1.38	3.14	11.87
454	443.4	69.0	0.48	1.23	3.27	9.85
455	610.4	75.0	0.58	1.41	4.16	16.7
456	548.0	57.0	0.55	1.31	3.86	13.61
457	563.9	68.0	0.61	1.41	4.18	17.92
458	473.9	57.0	0.54	1.22	3.74	12.83
459	617.1	75.0	0.6	1.51	4.34	19.4
460	533.0	95.0	0.47	1.3	3.52	14.91
461	524.7	70.0	0.45	1.29	4.3	14.88
462	497.3	61.0	0.4	1.18	3.7	13.46
463	580.9	58.0	0.48	1.27	4.27	17.08
464	485.2	68.0	0.5	1.29	3.2	10.77
465	521.7	55.0	0.52	1.24	3.8	13.61
466	524.5	64.0	0.5	1.27	3.52	13.78
467	560.4	60.0	0.59	1.34	4.02	15.57
468	567.6	63.0	0.64	1.43	3.58	14.29
469	505.1	73.0	0.61	1.43	3.31	13.69
470	497.6	73.0	0.52	1.25	3.34	13.63
471	621.6	69.0	0.61	1.47	4.52	16.65
472	596.4	72.0	0.47	1.0	3.9	15.9

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 12

	Pituitary gland mg	Prostate g	Seminal vesicle g	Testes g
M	12.958	1.47	1.813	3.874
SD	1.398	0.213	0.272	0.28
n	24	24	24	24
449	12.0	1.51	1.57	4.24
450	15.0	1.58	2.15	3.81
451	13.0	1.72	1.59	3.63
452	15.0	1.79	1.88	3.77
453	12.0	1.62	1.35	3.98
454	12.0	1.27	1.58	3.64
455	13.0	1.39	1.52	3.89
456	13.0	1.27	1.76	3.86
457	13.0	1.48	1.72	4.15
458	12.0	1.33	1.94	3.31
459	13.0	1.44	1.77	4.13
460	13.0	1.4	1.98	4.0
461	13.0	1.19	1.96	3.74
462	11.0	1.42	1.6	3.53
463	15.0	1.73	1.98	3.59
464	13.0	1.45	1.51	4.28
465	10.0	1.31	2.05	3.71
466	11.0	1.59	2.23	3.85
467	14.0	1.49	2.35	4.17
468	11.0	1.1	1.53	4.11
469	14.0	1.64	1.82	4.07
470	14.0	1.21	1.68	3.87
471	15.0	2.01	2.31	4.3
472	14.0	1.34	1.69	3.35

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice	R2					
Sex	M					
Group	13					
	Term. body weight g	Adrenal glands mg	Cauda epididymis g	Epididym- ides g	Kidneys g	Liver g
M	510.363	64.708	0.525	1.308	4.252	13.272
SD	51.015	9.626	0.066	0.097	0.689	1.908
n	24	24	24	24	24	24
473	611.7	75.0	0.54	1.31	4.87	17.29
474	531.8	71.0	0.54	1.37	4.91	15.05
475	516.5	75.0	0.5	1.37	4.87	17.92
476	526.2	57.0	0.41	1.22	3.44	12.45
477	527.6	50.0	0.54	1.37	4.27	12.87
478	479.3	54.0	0.5	1.21	3.79	11.35
479	504.1	62.0	0.43	1.22	3.31	11.55
480	499.4	75.0	0.44	1.18	4.21	12.11
481	496.0	79.0	0.45	1.27	3.69	12.5
482	544.5	83.0	0.56	1.38	4.89	15.08
483	539.0	58.0	0.51	1.25	3.81	12.96
484	515.8	69.0	0.63	1.51	4.58	12.87
485	587.7	82.0	0.51	1.27	5.4	16.19
486	537.1	61.0	0.54	1.34	4.24	13.84
487	342.8	54.0	0.44	1.2	2.5	9.72
488	437.6	58.0	0.43	1.12	3.52	10.81
489	472.5	54.0	0.6	1.31	3.85	12.36
490	494.6	64.0	0.6	1.37	4.14	12.46
491	514.0	64.0	0.56	1.33	3.97	12.62
492	512.2	53.0	0.57	1.26	4.56	12.86
493	487.8	61.0	0.61	1.45	4.9	13.07
494	486.0	66.0	0.55	1.27	5.27	13.49
495	554.4	60.0	0.63	1.5	4.7	13.69
496	530.1	68.0	0.51	1.3	4.36	13.42

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 13

	Pituitary gland mg	Prostate g	Seminal vesicle g	Testes g
M	13.167	1.398	1.74	3.857
SD	1.341	0.232	0.23	0.304
n	24	24	24	24
473	14.0	1.51	2.05	4.1
474	14.0	1.69	1.85	4.03
475	14.0	1.65	1.54	3.97
476	11.0	1.05	1.37	3.56
477	12.0	1.32	1.69	3.76
478	11.0	1.29	1.36	3.66
479	13.0	1.43	1.49	3.29
480	13.0	1.78	1.72	3.44
481	14.0	1.16	1.68	3.76
482	14.0	1.27	1.7	3.84
483	14.0	1.59	1.63	4.36
484	14.0	1.22	1.72	4.37
485	13.0	1.82	1.91	3.77
486	12.0	1.38	1.84	3.78
487	12.0	0.93	1.28	4.05
488	11.0	1.33	1.74	3.51
489	13.0	1.27	1.8	3.76
490	14.0	1.32	1.79	4.03
491	13.0	1.71	1.98	3.84
492	13.0	1.28	2.09	3.26
493	14.0	1.48	2.02	4.19
494	17.0	1.54	1.53	4.1
495	14.0	1.43	2.07	4.22
496	12.0	1.1	1.92	3.92

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice	R2					
Sex	F					
Group	10					
	Term. body weight g	Adrenal glands mg	Kidneys g	Liver g	Ovaries mg	Pituitary gland mg
M	291.842	76.708	2.158	9.455	109.542	15.542
SD	24.228	6.944	0.195	1.08	14.289	1.587
n	24	24	24	24	24	24
501	284.2	69.0	1.87	8.72	89.0	11.0
502	269.1	75.0	1.88	7.79	88.0	15.0
503	259.8	76.0	1.97	8.49	103.0	17.0
504	275.9	84.0	2.31	9.59	119.0	15.0
505	303.7	70.0	2.06	8.75	127.0	16.0
506	269.1	65.0	1.96	8.19	116.0	14.0
507	326.1	89.0	2.48	10.66	104.0	16.0
508	329.8	71.0	2.34	11.4	114.0	16.0
509	295.8	87.0	2.38	10.24	124.0	14.0
510	294.7	84.0	2.3	8.89	129.0	15.0
511	277.6	75.0	1.97	9.51	118.0	13.0
512	266.5	75.0	2.11	9.03	109.0	14.0
513	276.3	86.0	2.36	9.41	102.0	16.0
514	310.0	75.0	2.25	10.69	104.0	18.0
515	293.1	81.0	2.0	8.08	107.0	15.0
516	244.7	65.0	1.93	8.21	99.0	16.0
517	309.1	74.0	1.96	9.63	90.0	17.0
518	333.5	76.0	2.49	11.26	135.0	17.0
519	297.2	80.0	2.33	10.19	116.0	18.0
520	309.1	83.0	2.18	10.46	103.0	15.0
521	295.1	70.0	2.17	9.65	95.0	16.0
522	288.1	84.0	2.21	9.22	135.0	16.0
523	331.4	78.0	2.3	10.88	89.0	17.0
524	264.3	69.0	1.97	7.98	114.0	16.0

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in Sprague-Dawley Rats, Oral Administration (gavage)

06.Feb.2019 HAMA

ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex F
Group 10
.....

.....
Uterus
g
.....
M 0.747
SD 0.284
n 24
.....

501 0.84
502 1.02
503 0.43
504 0.61
505 0.5
506 0.6
507 0.49
508 1.11
509 0.88
510 0.58
511 0.51
512 0.54
513 0.65
514 1.21
515 0.72
516 0.52
517 0.84
518 0.9
519 1.61
520 0.92
521 0.41
522 0.59
523 0.76
524 0.68
.....

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IIC 344/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

06.Feb.2019 HAMA

ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice	R2					
Sex	F					
Group	11					
	Term. body weight g	Adrenal glands mg	Kidneys g	Liver g	Ovaries mg	Pituitary gland mg
M	284.588	72.292	2.115	9.326	109.5	15.25
SD	20.968	8.243	0.12	0.955	13.587	1.824
n	24	24	24	24	24	24
525	305.3	65.0	2.09	9.03	103.0	15.0
526	264.8	67.0	1.8	7.75	79.0	18.0
527	268.6	63.0	1.87	8.46	109.0	15.0
528	262.1	75.0	2.08	9.72	99.0	17.0
529	275.6	84.0	2.19	9.35	101.0	12.0
530	295.0	77.0	2.17	9.22	113.0	13.0
531	287.9	76.0	2.13	10.38	142.0	12.0
532	304.1	87.0	2.24	10.53	120.0	15.0
533	294.9	71.0	2.08	8.78	112.0	15.0
534	275.5	80.0	2.13	8.53	121.0	17.0
535	268.5	67.0	2.25	8.27	109.0	15.0
536	271.0	61.0	2.12	8.57	105.0	14.0
537	320.6	69.0	2.13	11.01	110.0	19.0
538	275.9	60.0	2.03	8.92	112.0	15.0
539	309.2	69.0	2.1	9.39	93.0	17.0
540	347.4	68.0	2.22	11.11	113.0	16.0
541	262.5	80.0	2.0	10.32	95.0	14.0
542	285.0	74.0	2.09	9.6	104.0	16.0
543	270.1	70.0	2.01	7.6	100.0	14.0
544	285.8	63.0	2.18	9.26	117.0	13.0
545	283.2	92.0	2.2	10.16	119.0	18.0
546	280.1	70.0	2.33	10.25	97.0	15.0
547	277.3	78.0	2.27	8.83	118.0	16.0
548	259.7	69.0	2.06	8.78	137.0	15.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex F
Group 11
.....

Uterus
g
.....

M 0.669
SD 0.25
n 24

525 0.56
526 0.49
527 0.47
528 0.54
529 0.64
530 0.61
531 0.64
532 0.57
533 0.54
534 0.55
535 0.53
536 0.54
537 1.02
538 0.56
539 0.96
540 0.65
541 0.6
542 0.43
543 0.48
544 0.91
545 0.52
546 1.51
547 1.06
548 0.67
.....

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice	R2					
Sex	F					
Group	12					
	Term. body weight g	Adrenal glands mg	Kidneys g	Liver g	Ovaries mg	Pituitary gland mg
M	304.817	77.435	2.212	9.5	113.217	15.714
SD	15.011	8.333	0.125	1.04	13.501	1.821
n	23	23	23	23	23	21
549	319.2	81.0	2.46	11.13	124.0	18.0
551	308.6	81.0	2.28	10.13	115.0	
552	333.6	74.0	2.4	10.37	99.0	18.0
553	314.6	56.0	2.07	7.05	83.0	
554	285.5	74.0	2.12	9.5	101.0	15.0
555	299.1	93.0	2.21	9.4	125.0	15.0
556	324.5	77.0	2.33	10.27	124.0	18.0
557	282.2	78.0	2.13	10.09	119.0	13.0
558	304.8	72.0	2.3	9.23	123.0	14.0
559	295.1	69.0	2.1	9.28	104.0	15.0
560	291.0	82.0	2.04	8.93	114.0	14.0
561	299.1	80.0	2.24	10.43	131.0	18.0
562	300.5	80.0	2.22	9.58	115.0	15.0
563	318.4	69.0	2.22	10.53	118.0	14.0
564	309.8	77.0	2.27	8.67	104.0	17.0
565	272.5	89.0	2.16	8.93	84.0	14.0
566	305.1	84.0	2.27	10.44	96.0	18.0
567	326.7	91.0	2.45	10.59	117.0	18.0
568	313.9	75.0	2.22	10.07	120.0	14.0
569	297.4	77.0	2.02	9.89	115.0	13.0
570	296.0	64.0	2.15	7.61	121.0	16.0
571	296.2	76.0	2.03	8.35	134.0	16.0
572	317.0	82.0	2.18	8.02	118.0	17.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex F
Group 12
.....

Uterus
g
.....

M 1.666
SD 4.707
n 23

549 0.63
551 0.51
552 0.53
553 23.24
554 1.11
555 0.61
556 0.6
557 0.65
558 0.62
559 1.04
560 0.6
561 0.65
562 1.18
563 0.5
564 0.62
565 0.55
566 0.87
567 0.65
568 0.76
569 0.55
570 0.56
571 0.62
572 0.66
.....

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice	R2					
Sex	F					
Group	13					
	Term. body weight g	Adrenal glands mg	Kidneys g	Liver g	Ovaries mg	Pituitary gland mg
M	308.2	80.083	2.31	9.716	106.833	15.542
SD	30.56	13.539	0.235	1.289	12.651	1.587
n	24	24	24	24	24	24
573	313.8	69.0	2.22	11.23	111.0	15.0
574	332.0	75.0	2.58	10.66	102.0	17.0
575	417.8	92.0	2.78	9.23	122.0	17.0
576	274.9	60.0	1.78	7.4	83.0	15.0
577	280.1	77.0	2.18	8.65	105.0	15.0
578	302.5	63.0	2.09	8.51	106.0	16.0
579	321.9	76.0	2.36	10.41	115.0	13.0
580	291.3	75.0	2.27	10.18	116.0	13.0
581	286.9	120.0	2.46	8.26	101.0	15.0
582	326.8	101.0	2.29	9.99	113.0	14.0
583	272.9	84.0	2.15	8.47	107.0	13.0
584	301.9	71.0	2.32	8.5	103.0	16.0
585	294.9	73.0	2.6	10.37	99.0	14.0
586	310.8	87.0	2.37	11.8	97.0	15.0
587	304.3	70.0	2.18	8.42	102.0	13.0
588	282.6	94.0	2.36	12.55	125.0	16.0
589	300.1	73.0	2.15	9.74	99.0	17.0
590	351.2	73.0	2.67	9.41	72.0	16.0
591	313.9	84.0	2.33	10.15	109.0	18.0
592	308.7	77.0	2.14	10.33	129.0	17.0
593	310.7	67.0	1.85	7.71	101.0	18.0
594	295.3	93.0	2.4	10.07	121.0	16.0
595	275.3	93.0	2.39	10.84	115.0	17.0
596	326.2	75.0	2.53	10.31	111.0	17.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex F
Group 13

Uterus
g

M 0.778
SD 0.29
n 24

573 0.6
574 1.11
575 0.56
576 0.49
577 1.02
578 0.61
579 0.68
580 1.44
581 0.82
582 0.61
583 0.5
584 0.6
585 1.22
586 1.36
587 1.11
588 0.64
589 0.44
590 0.84
591 0.7
592 0.65
593 0.96
594 0.58
595 0.67
596 0.46

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice	R2					
Sex	M					
Group	10					
	Term. body weight %	Adrenal glands %	Cauda epididymis %	Epididymides %	Kidneys %	Liver %
M	100.0	0.011	0.102	0.248	0.632	2.758
SD		0.002	0.012	0.022	0.044	0.302
n	24	24	24	24	24	24
401	100.0	0.014	0.082	0.215	0.556	2.784
402	100.0	0.012	0.11	0.256	0.634	2.77
403	100.0	0.013	0.1	0.254	0.648	2.278
404	100.0	0.013	0.099	0.28	0.668	2.869
405	100.0	0.01	0.096	0.243	0.599	2.91
406	100.0	0.01	0.112	0.275	0.613	2.579
407	100.0	0.008	0.088	0.206	0.6	2.389
408	100.0	0.009	0.1	0.254	0.611	3.01
409	100.0	0.011	0.071	0.2	0.595	2.842
410	100.0	0.011	0.101	0.256	0.655	2.913
411	100.0	0.014	0.111	0.255	0.638	2.373
412	100.0	0.01	0.093	0.245	0.643	2.829
413	100.0	0.012	0.104	0.259	0.658	2.999
414	100.0	0.012	0.104	0.273	0.621	2.416
415	100.0	0.009	0.091	0.22	0.569	2.488
416	100.0	0.012	0.111	0.27	0.689	2.61
417	100.0	0.012	0.098	0.255	0.542	3.361
418	100.0	0.011	0.091	0.236	0.717	2.932
419	100.0	0.01	0.102	0.231	0.643	2.836
420	100.0	0.009	0.109	0.249	0.634	2.999
421	100.0	0.01	0.115	0.266	0.719	3.311
422	100.0	0.012	0.127	0.273	0.64	2.509
423	100.0	0.01	0.101	0.228	0.62	2.965
424	100.0	0.013	0.121	0.26	0.644	2.23

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 10

	Pituitary gland %	Prostate %	Seminal vesicle %	Testes %
M	0.002	0.293	0.34	0.723
SD	0.0	0.056	0.052	0.076
n	24	24	24	24
401	0.002	0.286	0.308	0.642
402	0.003	0.338	0.359	0.713
403	0.003	0.365	0.418	0.74
404	0.003	0.286	0.325	0.906
405	0.002	0.265	0.321	0.66
406	0.003	0.311	0.374	0.834
407	0.002	0.233	0.308	0.612
408	0.002	0.27	0.324	0.732
409	0.002	0.179	0.234	0.666
410	0.003	0.242	0.351	0.678
411	0.002	0.312	0.358	0.721
412	0.002	0.242	0.348	0.669
413	0.003	0.319	0.382	0.66
414	0.002	0.237	0.3	0.753
415	0.003	0.183	0.269	0.698
416	0.003	0.349	0.383	0.789
417	0.002	0.257	0.339	0.78
418	0.003	0.38	0.378	0.774
419	0.002	0.3	0.364	0.7
420	0.002	0.34	0.21	0.635
421	0.002	0.299	0.418	0.762
422	0.003	0.36	0.378	0.793
423	0.002	0.309	0.332	0.602
424	0.003	0.364	0.39	0.827

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice	R2					
Sex	M					
Group	11					
	Term. body weight %	Adrenal glands %	Cauda epididymis %	Epididymides %	Kidneys %	Liver %
M	100.0	0.012	0.103	0.255	0.649	2.902
SD		0.001	0.015	0.027	0.059	0.33
n	24	24	24	24	24	24
425	100.0	0.014	0.117	0.299	0.689	2.539
426	100.0	0.012	0.093	0.245	0.664	2.691
427	100.0	0.011	0.077	0.199	0.576	2.737
428	100.0	0.012	0.08	0.218	0.624	2.465
429	100.0	0.014	0.098	0.259	0.629	2.497
430	100.0	0.012	0.103	0.263	0.572	3.319
431	100.0	0.011	0.099	0.28	0.637	2.672
432	100.0	0.012	0.106	0.255	0.697	2.675
433	100.0	0.012	0.087	0.264	0.651	2.645
434	100.0	0.011	0.099	0.261	0.637	2.902
435	100.0	0.014	0.122	0.267	0.779	3.192
436	100.0	0.011	0.102	0.261	0.667	2.896
437	100.0	0.011	0.084	0.222	0.562	2.616
438	100.0	0.011	0.093	0.239	0.626	2.966
439	100.0	0.013	0.114	0.256	0.645	2.683
440	100.0	0.01	0.08	0.207	0.544	3.201
441	100.0	0.012	0.116	0.293	0.709	3.261
442	100.0	0.013	0.128	0.294	0.732	3.481
443	100.0	0.012	0.108	0.253	0.652	3.379
444	100.0	0.01	0.107	0.25	0.667	2.98
445	100.0	0.013	0.114	0.257	0.644	3.316
446	100.0	0.01	0.13	0.292	0.679	2.737
447	100.0	0.013	0.103	0.225	0.558	2.452
448	100.0	0.012	0.118	0.27	0.726	3.349

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 11

	Pituitary gland %	Prostate %	Seminal vesicle %	Testes %
M	0.002	0.283	0.327	0.75
SD	0.0	0.057	0.052	0.087
n	24	24	24	24
425	0.003	0.335	0.371	0.904
426	0.003	0.308	0.358	0.763
427	0.003	0.184	0.25	0.653
428	0.002	0.177	0.251	0.638
429	0.002	0.297	0.27	0.741
430	0.003	0.293	0.29	0.732
431	0.002	0.262	0.32	0.844
432	0.002	0.314	0.267	0.672
433	0.003	0.219	0.31	0.705
434	0.002	0.282	0.309	0.673
435	0.002	0.308	0.384	0.805
436	0.003	0.385	0.361	0.797
437	0.002	0.248	0.339	0.651
438	0.002	0.253	0.383	0.755
439	0.003	0.234	0.383	0.817
440	0.002	0.198	0.303	0.58
441	0.003	0.278	0.36	0.858
442	0.003	0.345	0.445	0.864
443	0.002	0.247	0.297	0.852
444	0.003	0.31	0.304	0.712
445	0.003	0.317	0.337	0.747
446	0.003	0.393	0.378	0.804
447	0.003	0.262	0.242	0.628
448	0.003	0.336	0.34	0.811

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice	R2					
Sex	M					
Group	12					
	Term. body weight %	Adrenal glands %	Cauda epididymis %	Epididymides %	Kidneys %	Liver %
M	100.0	0.012	0.098	0.242	0.696	2.669
SD		0.002	0.012	0.023	0.055	0.243
n	24	24	24	24	24	24
449	100.0	0.014	0.098	0.227	0.75	2.73
450	100.0	0.014	0.088	0.229	0.652	2.691
451	100.0	0.011	0.092	0.247	0.66	2.728
452	100.0	0.01	0.08	0.213	0.584	2.276
453	100.0	0.011	0.115	0.273	0.62	2.345
454	100.0	0.016	0.108	0.277	0.737	2.221
455	100.0	0.012	0.095	0.231	0.682	2.736
456	100.0	0.01	0.1	0.239	0.704	2.484
457	100.0	0.012	0.108	0.25	0.741	3.178
458	100.0	0.012	0.114	0.257	0.789	2.707
459	100.0	0.012	0.097	0.245	0.703	3.144
460	100.0	0.018	0.088	0.244	0.66	2.797
461	100.0	0.013	0.086	0.246	0.82	2.836
462	100.0	0.012	0.08	0.237	0.744	2.707
463	100.0	0.01	0.083	0.219	0.735	2.94
464	100.0	0.014	0.103	0.266	0.66	2.22
465	100.0	0.011	0.1	0.238	0.728	2.609
466	100.0	0.012	0.095	0.242	0.671	2.627
467	100.0	0.011	0.105	0.239	0.717	2.778
468	100.0	0.011	0.113	0.252	0.631	2.518
469	100.0	0.014	0.121	0.283	0.655	2.71
470	100.0	0.015	0.105	0.251	0.671	2.739
471	100.0	0.011	0.098	0.236	0.727	2.679
472	100.0	0.012	0.079	0.168	0.654	2.666

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 12

	Pituitary gland %	Prostate %	Seminal vesicle %	Testes %
M	0.002	0.269	0.332	0.712
SD	0.0	0.035	0.052	0.074
n	24	24	24	24
449	0.002	0.259	0.269	0.728
450	0.003	0.264	0.359	0.636
451	0.002	0.305	0.282	0.644
452	0.002	0.282	0.297	0.595
453	0.002	0.32	0.267	0.786
454	0.003	0.286	0.356	0.821
455	0.002	0.228	0.249	0.637
456	0.002	0.232	0.321	0.704
457	0.002	0.262	0.305	0.736
458	0.003	0.281	0.409	0.698
459	0.002	0.233	0.287	0.669
460	0.002	0.263	0.371	0.75
461	0.002	0.227	0.374	0.713
462	0.002	0.286	0.322	0.71
463	0.003	0.298	0.341	0.618
464	0.003	0.299	0.311	0.882
465	0.002	0.251	0.393	0.711
466	0.002	0.303	0.425	0.734
467	0.002	0.266	0.419	0.744
468	0.002	0.194	0.27	0.724
469	0.003	0.325	0.36	0.806
470	0.003	0.243	0.338	0.778
471	0.002	0.323	0.372	0.692
472	0.002	0.225	0.283	0.562

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice	R2					
Sex	M					
Group	13					
	Term. body weight %	Adrenal glands %	Cauda epididymis %	Epididymides %	Kidneys %	Liver %
M	100.0	0.013	0.104	0.258	0.832	2.6
SD		0.002	0.014	0.028	0.102	0.246
n	24	24	24	24	24	24
473	100.0	0.012	0.088	0.214	0.796	2.827
474	100.0	0.013	0.102	0.258	0.923	2.83
475	100.0	0.015	0.097	0.265	0.943	3.47
476	100.0	0.011	0.078	0.232	0.654	2.366
477	100.0	0.009	0.102	0.26	0.809	2.439
478	100.0	0.011	0.104	0.252	0.791	2.368
479	100.0	0.012	0.085	0.242	0.657	2.291
480	100.0	0.015	0.088	0.236	0.843	2.425
481	100.0	0.016	0.091	0.256	0.744	2.52
482	100.0	0.015	0.103	0.253	0.898	2.77
483	100.0	0.011	0.095	0.232	0.707	2.404
484	100.0	0.013	0.122	0.293	0.888	2.495
485	100.0	0.014	0.087	0.216	0.919	2.755
486	100.0	0.011	0.101	0.249	0.789	2.577
487	100.0	0.016	0.128	0.35	0.729	2.835
488	100.0	0.013	0.098	0.256	0.804	2.47
489	100.0	0.011	0.127	0.277	0.815	2.616
490	100.0	0.013	0.121	0.277	0.837	2.519
491	100.0	0.012	0.109	0.259	0.772	2.455
492	100.0	0.01	0.111	0.246	0.89	2.511
493	100.0	0.013	0.125	0.297	1.005	2.679
494	100.0	0.014	0.113	0.261	1.084	2.776
495	100.0	0.011	0.114	0.271	0.848	2.469
496	100.0	0.013	0.096	0.245	0.822	2.532

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 13

	Pituitary gland %	Prostate %	Seminal vesicle %	Testes %
M	0.003	0.274	0.342	0.764
SD	0.0	0.04	0.04	0.11
n	24	24	24	24
473	0.002	0.247	0.335	0.67
474	0.003	0.318	0.348	0.758
475	0.003	0.319	0.298	0.769
476	0.002	0.2	0.26	0.677
477	0.002	0.25	0.32	0.713
478	0.002	0.269	0.284	0.764
479	0.003	0.284	0.296	0.653
480	0.003	0.356	0.344	0.689
481	0.003	0.234	0.339	0.758
482	0.003	0.233	0.312	0.705
483	0.003	0.295	0.302	0.809
484	0.003	0.237	0.333	0.847
485	0.002	0.31	0.325	0.641
486	0.002	0.257	0.343	0.704
487	0.004	0.271	0.373	1.181
488	0.003	0.304	0.398	0.802
489	0.003	0.269	0.381	0.796
490	0.003	0.267	0.362	0.815
491	0.003	0.333	0.385	0.747
492	0.003	0.25	0.408	0.636
493	0.003	0.303	0.414	0.859
494	0.003	0.317	0.315	0.844
495	0.003	0.258	0.373	0.761
496	0.002	0.208	0.362	0.739

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice	R2					
Sex	F					
Group	10					
	Term. body weight %	Adrenal glands %	Kidneys %	Liver %	Ovaries %	Pituitary gland %
M	100.0	0.026	0.741	3.237	0.038	0.005
SD		0.003	0.055	0.212	0.005	0.001
n	24	24	24	24	24	24
501	100.0	0.024	0.658	3.068	0.031	0.004
502	100.0	0.028	0.699	2.895	0.033	0.006
503	100.0	0.029	0.758	3.268	0.04	0.007
504	100.0	0.03	0.837	3.476	0.043	0.005
505	100.0	0.023	0.678	2.881	0.042	0.005
506	100.0	0.024	0.728	3.043	0.043	0.005
507	100.0	0.027	0.761	3.269	0.032	0.005
508	100.0	0.022	0.71	3.457	0.035	0.005
509	100.0	0.029	0.805	3.462	0.042	0.005
510	100.0	0.029	0.78	3.017	0.044	0.005
511	100.0	0.027	0.71	3.426	0.043	0.005
512	100.0	0.028	0.792	3.388	0.041	0.005
513	100.0	0.031	0.854	3.406	0.037	0.006
514	100.0	0.024	0.726	3.448	0.034	0.006
515	100.0	0.028	0.682	2.757	0.037	0.005
516	100.0	0.027	0.789	3.355	0.04	0.007
517	100.0	0.024	0.634	3.115	0.029	0.005
518	100.0	0.023	0.747	3.376	0.04	0.005
519	100.0	0.027	0.784	3.429	0.039	0.006
520	100.0	0.027	0.705	3.384	0.033	0.005
521	100.0	0.024	0.735	3.27	0.032	0.005
522	100.0	0.029	0.767	3.2	0.047	0.006
523	100.0	0.024	0.694	3.283	0.027	0.005
524	100.0	0.026	0.745	3.019	0.043	0.006

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice	R2
Sex	F
Group	10

Uterus
%

M	0.255
SD	0.09
n	24

501	0.296
502	0.379
503	0.166
504	0.221
505	0.165
506	0.223
507	0.15
508	0.337
509	0.297
510	0.197
511	0.184
512	0.203
513	0.235
514	0.39
515	0.246
516	0.213
517	0.272
518	0.27
519	0.542
520	0.298
521	0.139
522	0.205
523	0.229
524	0.257

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice	R2					
Sex	F					
Group	11					
	Term. body weight %	Adrenal glands %	Kidneys %	Liver %	Ovaries %	Pituitary gland %
M	100.0	0.026	0.746	3.28	0.039	0.005
SD		0.003	0.054	0.279	0.005	0.001
n	24	24	24	24	24	24
525	100.0	0.021	0.685	2.958	0.034	0.005
526	100.0	0.025	0.68	2.927	0.03	0.007
527	100.0	0.023	0.696	3.15	0.041	0.006
528	100.0	0.029	0.794	3.709	0.038	0.006
529	100.0	0.03	0.795	3.393	0.037	0.004
530	100.0	0.026	0.736	3.125	0.038	0.004
531	100.0	0.026	0.74	3.605	0.049	0.004
532	100.0	0.029	0.737	3.463	0.039	0.005
533	100.0	0.024	0.705	2.977	0.038	0.005
534	100.0	0.029	0.773	3.096	0.044	0.006
535	100.0	0.025	0.838	3.08	0.041	0.006
536	100.0	0.023	0.782	3.162	0.039	0.005
537	100.0	0.022	0.664	3.434	0.034	0.006
538	100.0	0.022	0.736	3.233	0.041	0.005
539	100.0	0.022	0.679	3.037	0.03	0.005
540	100.0	0.02	0.639	3.198	0.033	0.005
541	100.0	0.03	0.762	3.931	0.036	0.005
542	100.0	0.026	0.733	3.368	0.036	0.006
543	100.0	0.026	0.744	2.814	0.037	0.005
544	100.0	0.022	0.763	3.24	0.041	0.005
545	100.0	0.032	0.777	3.588	0.042	0.006
546	100.0	0.025	0.832	3.659	0.035	0.005
547	100.0	0.028	0.819	3.184	0.043	0.006
548	100.0	0.027	0.793	3.381	0.053	0.006

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex F
Group 11
.....

Uterus
%

M 0.235
SD 0.086
n 24

525 0.183
526 0.185
527 0.175
528 0.206
529 0.232
530 0.207
531 0.222
532 0.187
533 0.183
534 0.2
535 0.197
536 0.199
537 0.318
538 0.203
539 0.31
540 0.187
541 0.229
542 0.151
543 0.178
544 0.318
545 0.184
546 0.539
547 0.382
548 0.258

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice	R2					
Sex	F					
Group	12					
	Term. body weight %	Adrenal glands %	Kidneys %	Liver %	Ovaries %	Pituitary gland %
M	100.0	0.025	0.726	3.119	0.037	0.005
SD		0.003	0.032	0.33	0.005	0.0
n	23	23	23	23	23	21
549	100.0	0.025	0.771	3.487	0.039	0.006
551	100.0	0.026	0.739	3.283	0.037	
552	100.0	0.022	0.719	3.109	0.03	0.005
553	100.0	0.018	0.658	2.241	0.026	
554	100.0	0.026	0.743	3.327	0.035	0.005
555	100.0	0.031	0.739	3.143	0.042	0.005
556	100.0	0.024	0.718	3.165	0.038	0.006
557	100.0	0.028	0.755	3.575	0.042	0.005
558	100.0	0.024	0.755	3.028	0.04	0.005
559	100.0	0.023	0.712	3.145	0.035	0.005
560	100.0	0.028	0.701	3.069	0.039	0.005
561	100.0	0.027	0.749	3.487	0.044	0.006
562	100.0	0.027	0.739	3.188	0.038	0.005
563	100.0	0.022	0.697	3.307	0.037	0.004
564	100.0	0.025	0.733	2.799	0.034	0.005
565	100.0	0.033	0.793	3.277	0.031	0.005
566	100.0	0.028	0.744	3.422	0.031	0.006
567	100.0	0.028	0.75	3.242	0.036	0.006
568	100.0	0.024	0.707	3.208	0.038	0.004
569	100.0	0.026	0.679	3.325	0.039	0.004
570	100.0	0.022	0.726	2.571	0.041	0.005
571	100.0	0.026	0.685	2.819	0.045	0.005
572	100.0	0.026	0.688	2.53	0.037	0.005

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex F
Group 12
.....

Uterus
%

M 0.538
SD 1.495
n 23

549 0.197
551 0.165
552 0.159
553 7.387
554 0.389
555 0.204
556 0.185
557 0.23
558 0.203
559 0.352
560 0.206
561 0.217
562 0.393
563 0.157
564 0.2
565 0.202
566 0.285
567 0.199
568 0.242
569 0.185
570 0.189
571 0.209
572 0.208

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice	R2					
Sex	F					
Group	13					
	Term. body weight %	Adrenal glands %	Kidneys %	Liver %	Ovaries %	Pituitary gland %
M	100.0	0.026	0.752	3.175	0.035	0.005
SD		0.005	0.07	0.488	0.005	0.001
n	24	24	24	24	24	24
573	100.0	0.022	0.707	3.579	0.035	0.005
574	100.0	0.023	0.777	3.211	0.031	0.005
575	100.0	0.022	0.665	2.209	0.029	0.004
576	100.0	0.022	0.648	2.692	0.03	0.005
577	100.0	0.027	0.778	3.088	0.037	0.005
578	100.0	0.021	0.691	2.813	0.035	0.005
579	100.0	0.024	0.733	3.234	0.036	0.004
580	100.0	0.026	0.779	3.495	0.04	0.004
581	100.0	0.042	0.857	2.879	0.035	0.005
582	100.0	0.031	0.701	3.057	0.035	0.004
583	100.0	0.031	0.788	3.104	0.039	0.005
584	100.0	0.024	0.768	2.816	0.034	0.005
585	100.0	0.025	0.882	3.516	0.034	0.005
586	100.0	0.028	0.763	3.797	0.031	0.005
587	100.0	0.023	0.716	2.767	0.034	0.004
588	100.0	0.033	0.835	4.441	0.044	0.006
589	100.0	0.024	0.716	3.246	0.033	0.006
590	100.0	0.021	0.76	2.679	0.021	0.005
591	100.0	0.027	0.742	3.234	0.035	0.006
592	100.0	0.025	0.693	3.346	0.042	0.006
593	100.0	0.022	0.595	2.481	0.033	0.006
594	100.0	0.031	0.813	3.41	0.041	0.005
595	100.0	0.034	0.868	3.938	0.042	0.006
596	100.0	0.023	0.776	3.161	0.034	0.005

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex F
Group 13
.....

Uterus
%

M 0.255
SD 0.099
n 24

573 0.191
574 0.334
575 0.134
576 0.178
577 0.364
578 0.202
579 0.211
580 0.494
581 0.286
582 0.187
583 0.183
584 0.199
585 0.414
586 0.438
587 0.365
588 0.226
589 0.147
590 0.239
591 0.223
592 0.211
593 0.309
594 0.196
595 0.243
596 0.141

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 10
Animal 401
.....
General information
Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

Animal 402
.....
General information
Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

Animal 403
.....
General information
Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex M
Group 10
cont. Animal 403

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 404

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 405

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 406

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex M
Group 10
cont. Animal 406
.....
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 407
.....

General information
Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 408
.....

General information
Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 10
Animal 409
.....
General information
Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 410
.....
General information
Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 411
.....
General information
Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex M
Group 10
cont. Animal 411

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 412

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 413

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 414

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure

BASF PATHOLOGY REPORT IIC 371/556
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in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 10
cont. Animal 414
.....
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 415

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure
1 day after end of exposure

Macroscopic findings
Kidneys
Pelvic dilation, unilateral, left side.
Retraction, right side, few (2-5), to diameter 2.0 mm.
All other organs without macroscopic findings.

Microscopic findings
Kidneys
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

..... Animal 416

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 372/556
90R0066/05R034
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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex M
Group 10
cont. Animal 416

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 417

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Mammary gland
Atrophy.
No other organs examined.

..... Animal 418

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

Macroscopic findings
Kidneys
Retraction, left side, diameter 1.0 mm.
All other organs without macroscopic findings.

BASF PATHOLOGY REPORT IIC 373/556
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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex M
Group 10
cont. Animal 418

Microscopic findings

Kidneys

Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

..... Animal 419

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 420

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 421

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 374/556
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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex M
Group 10
cont. Animal 421

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 422

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 423

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 424

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

	Sacrifice	R2
	Sex	M
	Group	10
	cont. Animal	424

.....

1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 11
Animal 425
.....
General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

.....
Animal 426
.....
General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

.....
Animal 427
.....
General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 377/556
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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 11
cont. Animal 427
.....

Macroscopic findings
Renal lymph nodes
Enlarged, left side, tissue preserved in cassette.
All other organs without macroscopic findings.

Microscopic findings
Renal lymph nodes
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

..... Animal 428

General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

Macroscopic findings
Liver
Focus, right medial lobe, diameter 3.0 mm, white.
All other organs without macroscopic findings.

Microscopic findings
Liver
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

..... Animal 429

General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 378/556
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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex M
Group 11
cont. Animal 429

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 430

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 431

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 432

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 11
cont. Animal 432
.....
1 day after end of exposure

Macroscopic findings

Kidneys
Pelvic dilation, unilateral, right side.
All other organs without macroscopic findings.

Microscopic findings

Kidneys
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

..... Animal 433

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure
1 day after end of exposure

Macroscopic findings

Kidneys
Retraction, left side, diameter 2.0 mm.
All other organs without macroscopic findings.

Microscopic findings

Kidneys
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

..... Animal 434

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex M
Group 11
cont. Animal 434

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 435

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 436

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 437

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure

BASF PATHOLOGY REPORT IIC 381/556
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SINGLE ANIMAL SHEET
 F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
 Sex M
 Group 11
 cont. Animal 437

 1 day after end of exposure

Macroscopic findings
 Animal without particular findings.

Microscopic findings
 All organs examined without pathologic findings.

..... Animal 438

General information
 Sex : Male
 Group : 11 (20 mg/kg)
 Sacrifice : F1 rearing animals, cohort 1B
 Necropsy status : Planned sacrifice
 Date of death : 04.Apr.2018
 114 days after start of exposure
 1 day after end of exposure

Macroscopic findings
 Animal without particular findings.

Microscopic findings
 All organs examined without pathologic findings.

..... Animal 439

General information
 Sex : Male
 Group : 11 (20 mg/kg)
 Sacrifice : F1 rearing animals, cohort 1B
 Necropsy status : Planned sacrifice
 Date of death : 04.Apr.2018
 114 days after start of exposure
 1 day after end of exposure

Macroscopic findings
 Animal without particular findings.

Microscopic findings
 All organs examined without pathologic findings.

BASF PATHOLOGY REPORT IIC 382/556
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in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 11
Animal 440
.....
General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 441
.....
General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 442
.....
General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex M
Group 11
cont. Animal 442

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 443

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 444

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 445

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex M
Group 11
cont. Animal 445
.....
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Mammary gland
Atrophy.
No other organs examined.

..... Animal 446
.....

General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 447
.....

General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

.....	Sacrifice	R2
	Sex	M
	Group	11
	cont. Animal	447

Microscopic findings

All organs examined without pathologic findings.

.....	Animal	448
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General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 12
Animal 449

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

Macroscopic findings

Kidneys
Cyst, right side, diameter 2.0 mm.
All other organs without macroscopic findings.

Microscopic findings

Kidneys
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

Animal 450

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal 451

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex M
Group 12
cont. Animal 451

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 452

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 453

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 454

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 12
cont. Animal 454
.....
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 455

General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

Macroscopic findings
Kidneys
Retraction, few (2-5), to diameter 2.0 mm.
All other organs without macroscopic findings.

Microscopic findings
Kidneys
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

..... Animal 456

General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex M
Group 12
cont. Animal 456

Microscopic findings
All organs examined without pathologic findings.

..... Animal 457

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 458

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure
1 day after end of exposure

Macroscopic findings
Liver
Focus, right lateral lobe, diameter 3.0 mm, yellow.
All other organs without macroscopic findings.

Microscopic findings
Liver
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 12
Animal 459
.....
General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

Animal 460
.....
General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

Animal 461
.....
General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 391/556
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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex M
Group 12
cont. Animal 461

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 462

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 463

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 464

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 12
cont. Animal 464
.....
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 465
.....
General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

Macroscopic findings
Glandular stomach
Focus, many (> 10), to diameter 2.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings
Glandular stomach
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

..... Animal 466
.....
General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

BASF PATHOLOGY REPORT IIC 393/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex M
Group 12
cont. Animal 466

Microscopic findings
All organs examined without pathologic findings.

..... Animal 467

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Mammary gland
Atrophy.
No other organs examined.

..... Animal 468

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

Macroscopic findings
General Observations
Infertile animal.
All other organs without macroscopic findings.

Microscopic findings
General Observations
Histopathologic evaluation of gross lesion(s) will not be performed.
Pituitary gland
Cyst(s), pars distalis.
All other organs examined without microscopic findings.

BASF PATHOLOGY REPORT IIC 394/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 12
Animal 469
.....
General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 470
.....
General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 471
.....
General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 395/556
 90R0066/05R034
 Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
 in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
 F1 GENERATION, REARING ANIMALS, COHORT 1B

	Sacrifice	R2
	Sex	M
	Group	12
	cont. Animal	471

Macroscopic findings

Kidneys
 Enlarged.
 All other organs without macroscopic findings.

Microscopic findings

Kidneys
 Histopathologic evaluation of gross lesion(s) will not be performed.
 All organs examined without pathologic findings.

	Animal	472
--	--------	-----

General information

Sex : Male
 Group : 12 (60 mg/kg)
 Sacrifice : F1 rearing animals, cohort 1B
 Necropsy status : Planned sacrifice
 Date of death : 05.Apr.2018
 115 days after start of exposure
 1 day after end of exposure

Macroscopic findings

Epididymides
 Organ size reduced, left side.
 Testes
 Organ size reduced, left side.
 All other organs without macroscopic findings.

Microscopic findings

Epididymides
 Histopathologic evaluation of gross lesion(s) will not be performed.
 Testes
 Histopathologic evaluation of gross lesion(s) will not be performed.
 All organs examined without pathologic findings.

BASF PATHOLOGY REPORT IIC 396/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 13
Animal 473

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

Macroscopic findings

Kidneys
Cyst, left side, diameter 2.0 mm.
All other organs without macroscopic findings.

Microscopic findings

Kidneys
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

Animal 474

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

Macroscopic findings

Kidneys
Enlarged.
All other organs without macroscopic findings.

Microscopic findings

Kidneys
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

Animal 475

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure

BASF PATHOLOGY REPORT IIC 397/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 13
cont. Animal 475
.....
1 day after end of exposure

Macroscopic findings
Kidneys
Enlarged.
All other organs without macroscopic findings.

Microscopic findings
Kidneys
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

..... Animal 476

General information
Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

Macroscopic findings
General Observations
Infertile animal.
All other organs without macroscopic findings.

Microscopic findings
General Observations
Histopathologic evaluation of gross lesion(s) will not be performed.
Prostate
Inflammation, purulent, grade 1.
All other organs examined without microscopic findings.

..... Animal 477

General information
Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 398/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex M
Group 13
cont. Animal 477

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 478

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 479

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 480

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 03.Apr.2018
113 days after start of exposure

BASF PATHOLOGY REPORT IIC 399/556
 90R0066/05R034
 Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
 in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
 F1 GENERATION, REARING ANIMALS, COHORT 1B

 Sacrifice R2
 Sex M
 Group 13
 cont. Animal 480

 1 day after end of exposure

Macroscopic findings
 Animal without particular findings.

Microscopic findings
 All organs examined without pathologic findings.

..... Animal 481

General information
 Sex : Male
 Group : 13 (180 mg/kg)
 Sacrifice : F1 rearing animals, cohort 1B
 Necropsy status : Planned sacrifice
 Date of death : 04.Apr.2018
 114 days after start of exposure
 1 day after end of exposure

Macroscopic findings
 Animal without particular findings.

Microscopic findings
 All organs examined without pathologic findings.

..... Animal 482

General information
 Sex : Male
 Group : 13 (180 mg/kg)
 Sacrifice : F1 rearing animals, cohort 1B
 Necropsy status : Planned sacrifice
 Date of death : 04.Apr.2018
 114 days after start of exposure
 1 day after end of exposure

Macroscopic findings
 Kidneys
 Enlarged.
 All other organs without macroscopic findings.

BASF PATHOLOGY REPORT IIC 400/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex M
Group 13
cont. Animal 482

Microscopic findings

Kidneys

Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

..... Animal 483

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 484

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure
1 day after end of exposure

Macroscopic findings

Kidneys

Enlarged.
All other organs without macroscopic findings.

Microscopic findings

Kidneys

Histopathologic evaluation of gross lesion(s) will not be performed.
Mammary gland
Atrophy.
No other organs examined.

BASF PATHOLOGY REPORT IIC 401/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 13
Animal 485

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure
1 day after end of exposure

Macroscopic findings

Kidneys
Enlarged.
All other organs without macroscopic findings.

Microscopic findings

Kidneys
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

Animal 486

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure
1 day after end of exposure

Macroscopic findings

Kidneys
Retraction, right side, diameter 2.0 mm.
All other organs without macroscopic findings.

Microscopic findings

Kidneys
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

Animal 487

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure

BASF PATHOLOGY REPORT IIC 402/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex M
Group 13
cont. Animal 487
.....
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 488
.....

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 04.Apr.2018
114 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 489
.....

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

BASF PATHOLOGY REPORT IIC 403/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 13
Animal 490

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

----- Animal 491 -----

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

----- Animal 492 -----

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 404/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 13
cont. Animal 492

Macroscopic findings

Kidneys
Enlarged.
All other organs without macroscopic findings.

Microscopic findings

Kidneys
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

----- Animal 493 -----

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

Macroscopic findings

Kidneys
Enlarged.
All other organs without macroscopic findings.

Microscopic findings

Kidneys
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

----- Animal 494 -----

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 405/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex M
Group 13
cont. Animal 494

Macroscopic findings

Kidneys
Enlarged.
All other organs without macroscopic findings.

Microscopic findings

Kidneys
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

Animal 495

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

Macroscopic findings

Kidneys
Enlarged.
All other organs without macroscopic findings.

Microscopic findings

Kidneys
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

Animal 496

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 05.Apr.2018
115 days after start of exposure
1 day after end of exposure

BASF

PATHOLOGY REPORT

IIC 406/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

06.Feb.2019 HAMA

SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

-----	Sacrifice	R2
	Sex	M
	Group	13
	cont. Animal	496
.....		

Macroscopic findings

Kidneys

Enlarged.

All other organs without macroscopic findings.

Microscopic findings

Kidneys

Histopathologic evaluation of gross lesion(s) will not be performed.

All organs examined without pathologic findings.

BASF PATHOLOGY REPORT IIC 407/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex F
Group 10
Animal 501

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 502

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Glandular stomach
Focus, few (2-5), diameter 2.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings

Glandular stomach
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

..... Animal 503

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 408/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex F
Group 10
cont. Animal 503

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 504

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 505

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Kidneys
Retraction, few (2-5), diameter 1.0 mm.
All other organs without macroscopic findings.

Microscopic findings

Kidneys
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

BASF PATHOLOGY REPORT IIC 409/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex F
Group 10
Animal 506
.....

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 507

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 508

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 410/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex F
Group 10
cont. Animal 508

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 509

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 510

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 511

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure

BASF PATHOLOGY REPORT IIC 411/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex F
Group 10
cont. Animal 511
.....
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 512
.....

General information
Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 513
.....

General information
Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

BASF PATHOLOGY REPORT IIC 412/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex F
Group 10
Animal 514

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal 515

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal 516

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 413/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex F
Group 10
cont. Animal 516

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 517

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 518

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 519

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex F
Group 10
cont. Animal 519
.....
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 520
.....
General information
Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 521
.....
General information
Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings
Glandular stomach
Focus, few (2-5), to diameter 2.0 mm, black.
All other organs without macroscopic findings.

BASF PATHOLOGY REPORT IIC 415/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex F
Group 10
cont. Animal 521

Microscopic findings

Glandular stomach

Histopathologic evaluation of gross lesion(s) will not be performed.

All organs examined without pathologic findings.

..... Animal 522

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 523

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 524

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice	R2
Sex	F
Group	10
cont. Animal	524

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex F
Group 11
Animal 525

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

----- Animal 526 -----

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

----- Animal 527 -----

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex F
Group 11
cont. Animal 527

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 528

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Glandular stomach
Focus, length 10.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings

Glandular stomach
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

..... Animal 529

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

	Sacrifice	R2
	Sex	F
	Group	11
	cont. Animal	529

Microscopic findings

All organs examined without pathologic findings.

	Animal	530
--	--------	-----

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

	Animal	531
--	--------	-----

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings

Glandular stomach
Focus, diameter 3.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings

Glandular stomach
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex F
Group 11
Animal 532

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

----- Animal 533 -----

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

----- Animal 534 -----

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 421/556
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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex F
Group 11
cont. Animal 534

Macroscopic findings

Glandular stomach
Focus, diameter 2.0 mm, black.
Kidneys
Retraction, few (2-5), to diameter 2.0 mm, right side.
All other organs without macroscopic findings.

Microscopic findings

Glandular stomach
Histopathologic evaluation of gross lesion(s) will not be performed.
Kidneys
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

..... Animal 535

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 536

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex F
Group 11
cont. Animal 536

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 537

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 538

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings
Glandular stomach
Focus, few (2-5), to diameter 2.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings
Glandular stomach
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

BASF PATHOLOGY REPORT IIC 423/556
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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex F
Group 11
Animal 539

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Kidneys
Retraction, right side, diameter 1.0 mm.
All other organs without macroscopic findings.

Microscopic findings

Kidneys
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

..... Animal 540

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 541

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 424/556
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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex F
Group 11
cont. Animal 541

Macroscopic findings

Mediastinal lymph nodes
Enlarged.
Discoloration, yellow.
Thoracic cavity
Effusion, content 5.0 ml clear fluid.
All other organs without macroscopic findings.

Microscopic findings

Mediastinal lymph nodes
Histopathologic evaluation of gross lesion(s) will not be performed.
Thoracic cavity
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

Animal 542

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings

Glandular stomach
Focus, few (2-5), to diameter 2.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings

Glandular stomach
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

Animal 543

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 425/556
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in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex F
Group 11
cont. Animal 543

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 544

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 545

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings

Glandular stomach
Focus, few (2-5), to diameter 3.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings

Glandular stomach
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

BASF PATHOLOGY REPORT IIC 426/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex F
Group 11
Animal 546
.....
General information
Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

Animal 547
.....
General information
Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

Animal 548
.....
General information
Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

.....	Sacrifice	R2
	Sex	F
	Group	11
	cont. Animal	548
.....		

Macroscopic findings

Glandular stomach

Focus, diameter 2.0 mm, black.

All other organs without macroscopic findings.

Microscopic findings

Glandular stomach

Histopathologic evaluation of gross lesion(s) will not be performed.

All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex F
Group 12
Animal 549

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 550

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Spontaneous death
Date of death : 14.Dec.2017
9 days after start of exposure
1 day after end of exposure

Macroscopic findings

General Observations
Cannibalism, in the region of liver, cecum.
Cecum
Organ not detectable/missing.
All other organs without macroscopic findings.

Microscopic findings

General Observations
Histopathologic evaluation of gross lesion(s) will not be performed.
Cecum
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

..... Animal 551

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex F
Group 12
cont. Animal 551
.....
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 552
.....
General information
Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings
Glandular stomach
Focus, few (2-5), diameter 2.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings
Glandular stomach
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

..... Animal 553
.....
General information
Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings
General Observations
Not pregnant.
All other organs without macroscopic findings.

BASF PATHOLOGY REPORT IIC 430/556
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in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex F
Group 12
cont. Animal 553

Microscopic findings

General Observations

Histopathologic evaluation of gross lesion(s) will not be performed.

Cervix

Dilation.

Uterus

Dilation of horn(s).

All other organs examined without microscopic findings.

..... Animal 554

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Glandular stomach

Focus, few (2-5), to diameter 4.0 mm, black.

All other organs without macroscopic findings.

Microscopic findings

Glandular stomach

Histopathologic evaluation of gross lesion(s) will not be performed.

All organs examined without pathologic findings.

..... Animal 555

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex F
Group 12
cont. Animal 555

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 556

General information
Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 557

General information
Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings
Glandular stomach
Focus, diameter 2.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings
Glandular stomach
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

BASF PATHOLOGY REPORT IIC 432/556
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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex F
Group 12
Animal 558

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

----- Animal 559 -----

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

----- Animal 560 -----

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 433/556
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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex F
Group 12
cont. Animal 560

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 561

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 562

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 563

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex F
Group 12
cont. Animal 563
.....
1 day after end of exposure

Macroscopic findings

Ovaries
Cyst, left side, diameter 1.0 mm.
All other organs without macroscopic findings.

Microscopic findings

Ovaries
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

..... Animal 564

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 565

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Glandular stomach
Focus, few (2-5), to diameter 5.0 mm, black.
Pericard
Focus, few (2-5), to diameter 5.0 mm, yellow.
Adhesion, in the region of heart.
All other organs without macroscopic findings.

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex F
Group 12
cont. Animal 565

Microscopic findings

Glandular stomach

Histopathologic evaluation of gross lesion(s) will not be performed.

Pericard

Histopathologic evaluation of gross lesion(s) will not be performed.

All organs examined without pathologic findings.

----- Animal 566 -----

General information

Sex : Female

Group : 12 (60 mg/kg)

Sacrifice : F1 rearing animals, cohort 1B

Necropsy status : Planned sacrifice

Date of death : 18.Apr.2018

128 days after start of exposure

1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

----- Animal 567 -----

General information

Sex : Female

Group : 12 (60 mg/kg)

Sacrifice : F1 rearing animals, cohort 1B

Necropsy status : Planned sacrifice

Date of death : 19.Apr.2018

129 days after start of exposure

1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex F
Group 12
Animal 568

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

----- Animal 569 -----

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings

Glandular stomach
Focus, diameter 2.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings

Glandular stomach
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

----- Animal 570 -----

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex F
Group 12
cont. Animal 570

Macroscopic findings
Glandular stomach
Focus, few (2-5), to diameter 3.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings
Glandular stomach
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

..... Animal 571

General information
Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 572

General information
Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

	Sacrifice	R2
	Sex	F
	Group	12
	cont. Animal	572

.....

Microscopic findings

All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex F
Group 13
Animal 573

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

----- Animal 574 -----

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

----- Animal 575 -----

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex F
Group 13
cont. Animal 575

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 576

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 577

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 578

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex F
Group 13
cont. Animal 578
.....
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 579
.....
General information
Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings
Glandular stomach
Focus, diameter 2.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings
Glandular stomach
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

..... Animal 580
.....
General information
Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex F
Group 13
cont. Animal 580

Microscopic findings

All organs examined without pathologic findings.

..... Animal 581

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 582

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 583

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex F
Group 13
cont. Animal 583

Macroscopic findings

Liver
Focal constriction, by diaphragmic herniation, papillary process.
All other organs without macroscopic findings.

Microscopic findings

Liver
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

..... Animal 584

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 585

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex F
Group 13
cont. Animal 585

Microscopic findings
All organs examined without pathologic findings.

..... Animal 586

General information
Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 587

General information
Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings
Glandular stomach
Focus, few (2-5), to diameter 2.0 mm, black.
All other organs without macroscopic findings.

Microscopic findings
Glandular stomach
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex F
Group 13
Animal 588

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 589

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 18.Apr.2018
128 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 590

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

..... Sacrifice R2
Sex F
Group 13
cont. Animal 590

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 591

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 592

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 593

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 1B

Sacrifice R2
Sex F
Group 13
cont. Animal 593
.....
1 day after end of exposure

Macroscopic findings
General Observations
Not pregnant.
All other organs without macroscopic findings.

Microscopic findings
General Observations
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

..... Animal 594

General information
Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 595

General information
Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 1B

	Sacrifice	R2
	Sex	F
	Group	13
	cont. Animal	595

Microscopic findings

All organs examined without pathologic findings.

	Animal	596
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General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 1B
Necropsy status : Planned sacrifice
Date of death : 19.Apr.2018
129 days after start of exposure
1 day after end of exposure

Macroscopic findings

Kidneys
Retraction, right side, few (2-5), to diameter 1.0 mm.
All other organs without macroscopic findings.

Microscopic findings

Kidneys
Histopathologic evaluation of gross lesion(s) will not be performed.
All organs examined without pathologic findings.

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 3 (IMMUNOTOXICITY)

Sacrifice R3
Sex M
Group 10

	Term. body weight g	Spleen g	Thymus mg
M	332.29	0.717	620.4
SD	24.495	0.095	120.156
n	10	10	10
1001	324.6	0.95	540.0
1002	304.6	0.72	610.0
1003	365.2	0.75	491.0
1004	371.3	0.65	821.0
1005	346.6	0.68	601.0
1006	333.5	0.77	602.0
1007	330.5	0.72	521.0
1008	327.9	0.65	531.0
1009	327.9	0.64	837.0
1010	290.8	0.64	650.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 3 (IMMUNOTOXICITY)

Sacrifice R3
Sex M
Group 11

	Term. body weight g	Spleen g	Thymus mg
M	345.04	0.705	602.6
SD	32.796	0.107	101.941
n	10	10	10
1011	348.7	0.63	492.0
1012	305.7	0.68	545.0
1013	348.4	0.54	668.0
1014	362.3	0.75	815.0
1015	383.2	0.83	546.0
1016	311.3	0.74	712.0
1017	405.0	0.84	607.0
1018	314.3	0.54	583.0
1019	351.6	0.73	562.0
1020	319.9	0.77	496.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 3 (IMMUNOTOXICITY)

Sacrifice R3
Sex M
Group 12

	Term. body weight g	Spleen g	Thymus mg
M	345.59	0.668	645.7
SD	18.704	0.073	87.407
n	10	10	10
1021	340.8	0.72	587.0
1022	312.4	0.55	694.0
1023	355.4	0.61	595.0
1024	369.6	0.73	794.0
1025	328.2	0.69	540.0
1026	357.2	0.79	553.0
1027	332.0	0.67	655.0
1028	350.8	0.65	628.0
1029	338.4	0.58	631.0
1030	371.1	0.69	780.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 3 (IMMUNOTOXICITY)

Sacrifice R3
Sex M
Group 13

	Term. body weight g	Spleen g	Thymus mg
M	349.43	0.677	530.1
SD	23.982	0.095	76.275
n	10	10	10
1031	362.1	0.79	546.0
1032	383.3	0.77	642.0
1033	358.5	0.67	479.0
1034	335.2	0.68	548.0
1035	330.0	0.57	581.0
1036	301.6	0.57	433.0
1037	348.4	0.61	440.0
1038	379.5	0.81	496.0
1039	345.8	0.73	647.0
1040	349.9	0.57	489.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 3 (IMMUNOTOXICITY)

Sacrifice R3
Sex M
Group 14

	Term. body weight g	Spleen g	Thymus mg
M	323.71	0.467	529.6
SD	25.292	0.063	139.137
n	10	10	10
1041	298.2	0.42	448.0
1042	353.5	0.43	422.0
1043	330.3	0.55	483.0
1044	323.4	0.41	365.0
1045	323.9	0.54	716.0
1046	310.1	0.5	556.0
1047	311.8	0.49	428.0
1048	346.5	0.51	474.0
1049	360.3	0.47	606.0
1050	279.1	0.35	798.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 3 (IMMUNOTOXICITY)

Sacrifice R3
Sex F
Group 10

	Term. body weight g	Spleen g	Thymus mg
M	198.92	0.465	478.1
SD	21.915	0.084	120.298
n	10	10	10
1101	189.0	0.5	444.0
1102	189.8	0.38	518.0
1103	187.1	0.39	369.0
1104	166.0	0.43	417.0
1105	240.3	0.61	765.0
1106	192.8	0.41	390.0
1107	224.0	0.59	470.0
1108	189.5	0.44	351.0
1109	218.9	0.51	544.0
1110	191.8	0.39	513.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 3 (IMMUNOTOXICITY)

Sacrifice R3
Sex F
Group 11

	Term. body weight g	Spleen g	Thymus mg
M	200.711	0.479	467.222
SD	12.199	0.058	137.673
n	9	9	9
1112	190.2	0.42	451.0
1113	186.5	0.52	372.0
1114	218.5	0.6	576.0
1115	201.6	0.45	645.0
1116	212.9	0.48	411.0
1117	200.5	0.52	370.0
1118	198.9	0.44	427.0
1119	212.8	0.44	682.0
1120	184.5	0.44	271.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 3 (IMMUNOTOXICITY)

Sacrifice R3
Sex F
Group 12

	Term. body weight g	Spleen g	Thymus mg
M	198.8	0.416	488.1
SD	22.892	0.05	70.749
n	10	10	10
1121	209.3	0.46	434.0
1122	215.5	0.41	565.0
1123	190.8	0.47	552.0
1124	194.1	0.46	489.0
1125	197.7	0.39	515.0
1126	204.1	0.44	384.0
1127	154.1	0.31	364.0
1128	182.5	0.45	545.0
1129	197.0	0.4	529.0
1130	242.9	0.37	504.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 3 (IMMUNOTOXICITY)

Sacrifice R3
Sex F
Group 13

	Term. body weight g	Spleen g	Thymus mg
M	211.29	0.478	486.6
SD	15.813	0.06	50.661
n	10	10	10
1131	227.0	0.5	506.0
1132	194.3	0.6	466.0
1133	206.1	0.43	502.0
1134	211.8	0.5	561.0
1135	197.9	0.46	508.0
1136	195.1	0.38	459.0
1137	242.0	0.53	534.0
1138	222.0	0.44	504.0
1139	217.6	0.46	382.0
1140	199.1	0.48	444.0

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PATHOLOGY REPORT

IIC 458/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

06.Feb.2019 HAMA

ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 3 (IMMUNOTOXICITY)

Sacrifice R3
Sex F
Group 14

	Term. body weight g	Spleen g	Thymus mg
M	197.48	0.324	399.8
SD	17.376	0.079	81.543
n	10	10	10
1141	189.5	0.29	357.0
1142	186.7	0.32	304.0
1143	199.9	0.19	318.0
1144	229.8	0.42	372.0
1145	178.1	0.25	556.0
1146	208.5	0.31	397.0
1147	176.9	0.3	380.0
1148	202.9	0.46	381.0
1149	185.3	0.32	406.0
1150	217.2	0.38	527.0

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 3 (IMMUNOTOXICITY)

Sacrifice R3
Sex M
Group 10

	Term. body weight %	Spleen %	Thymus %
M	100.0	0.217	0.187
SD		0.032	0.037
n	10	10	10
1001	100.0	0.293	0.166
1002	100.0	0.236	0.2
1003	100.0	0.205	0.134
1004	100.0	0.175	0.221
1005	100.0	0.196	0.173
1006	100.0	0.231	0.181
1007	100.0	0.218	0.158
1008	100.0	0.198	0.162
1009	100.0	0.195	0.255
1010	100.0	0.22	0.224

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 3 (IMMUNOTOXICITY)

Sacrifice R3
Sex M
Group 11

	Term. body weight %	Spleen %	Thymus %
M	100.0	0.205	0.176
SD		0.028	0.032
n	10	10	10
1011	100.0	0.181	0.141
1012	100.0	0.222	0.178
1013	100.0	0.155	0.192
1014	100.0	0.207	0.225
1015	100.0	0.217	0.142
1016	100.0	0.238	0.229
1017	100.0	0.207	0.15
1018	100.0	0.172	0.185
1019	100.0	0.208	0.16
1020	100.0	0.241	0.155

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 3 (IMMUNOTOXICITY)

Sacrifice R3
Sex M
Group 12

	Term. body weight %	Spleen %	Thymus %
M	100.0	0.193	0.187
SD		0.018	0.023
n	10	10	10
1021	100.0	0.211	0.172
1022	100.0	0.176	0.222
1023	100.0	0.172	0.167
1024	100.0	0.198	0.215
1025	100.0	0.21	0.165
1026	100.0	0.221	0.155
1027	100.0	0.202	0.197
1028	100.0	0.185	0.179
1029	100.0	0.171	0.186
1030	100.0	0.186	0.21

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 3 (IMMUNOTOXICITY)

Sacrifice R3
Sex M
Group 13

	Term. body weight %	Spleen %	Thymus %
M	100.0	0.193	0.152
SD		0.019	0.021
n	10	10	10
1031	100.0	0.218	0.151
1032	100.0	0.201	0.167
1033	100.0	0.187	0.134
1034	100.0	0.203	0.163
1035	100.0	0.173	0.176
1036	100.0	0.189	0.144
1037	100.0	0.175	0.126
1038	100.0	0.213	0.131
1039	100.0	0.211	0.187
1040	100.0	0.163	0.14

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 3 (IMMUNOTOXICITY)

Sacrifice R3
Sex M
Group 14

	Term. body weight %	Spleen %	Thymus %
M	100.0	0.144	0.166
SD		0.018	0.053
n	10	10	10
1041	100.0	0.141	0.15
1042	100.0	0.122	0.119
1043	100.0	0.167	0.146
1044	100.0	0.127	0.113
1045	100.0	0.167	0.221
1046	100.0	0.161	0.179
1047	100.0	0.157	0.137
1048	100.0	0.147	0.137
1049	100.0	0.13	0.168
1050	100.0	0.125	0.286

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 3 (IMMUNOTOXICITY)

Sacrifice R3
Sex F
Group 10

	Term. body weight %	Spleen %	Thymus %
M	100.0	0.233	0.239
SD		0.026	0.041
n	10	10	10
1101	100.0	0.265	0.235
1102	100.0	0.2	0.273
1103	100.0	0.208	0.197
1104	100.0	0.259	0.251
1105	100.0	0.254	0.318
1106	100.0	0.213	0.202
1107	100.0	0.263	0.21
1108	100.0	0.232	0.185
1109	100.0	0.233	0.249
1110	100.0	0.203	0.267

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 3 (IMMUNOTOXICITY)

Sacrifice R3
Sex F
Group 11

	Term. body weight %	Spleen %	Thymus %
M	100.0	0.239	0.231
SD		0.026	0.06
n	9	9	9
1112	100.0	0.221	0.237
1113	100.0	0.279	0.199
1114	100.0	0.275	0.264
1115	100.0	0.223	0.32
1116	100.0	0.225	0.193
1117	100.0	0.259	0.185
1118	100.0	0.221	0.215
1119	100.0	0.207	0.32
1120	100.0	0.238	0.147

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 3 (IMMUNOTOXICITY)

Sacrifice R3
Sex F
Group 12

	Term. body weight %	Spleen %	Thymus %
M	100.0	0.211	0.247
SD		0.029	0.037
n	10	10	10
1121	100.0	0.22	0.207
1122	100.0	0.19	0.262
1123	100.0	0.246	0.289
1124	100.0	0.237	0.252
1125	100.0	0.197	0.26
1126	100.0	0.216	0.188
1127	100.0	0.201	0.236
1128	100.0	0.247	0.299
1129	100.0	0.203	0.269
1130	100.0	0.152	0.207

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 3 (IMMUNOTOXICITY)

Sacrifice R3
Sex F
Group 13

	Term. body weight %	Spleen %	Thymus %
M	100.0	0.227	0.231
SD		0.033	0.024
n	10	10	10
1131	100.0	0.22	0.223
1132	100.0	0.309	0.24
1133	100.0	0.209	0.244
1134	100.0	0.236	0.265
1135	100.0	0.232	0.257
1136	100.0	0.195	0.235
1137	100.0	0.219	0.221
1138	100.0	0.198	0.227
1139	100.0	0.211	0.176
1140	100.0	0.241	0.223

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 3 (IMMUNOTOXICITY)

Sacrifice R3
Sex F
Group 14

	Term. body weight %	Spleen %	Thymus %
M	100.0	0.164	0.204
SD		0.034	0.047
n	10	10	10
1141	100.0	0.153	0.188
1142	100.0	0.171	0.163
1143	100.0	0.095	0.159
1144	100.0	0.183	0.162
1145	100.0	0.14	0.312
1146	100.0	0.149	0.19
1147	100.0	0.17	0.215
1148	100.0	0.227	0.188
1149	100.0	0.173	0.219
1150	100.0	0.175	0.243

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

	Sacrifice	R3
	Sex	M
	Group	10
	Animal	1001

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Glandular stomach
Focus, length 3.0 mm, width 1.0 mm, black.
All other organs without macroscopic findings.

	Animal	1002
--	--------	------

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

	Animal	1003
--	--------	------

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex M
Group 10
Animal 1004

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1005

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1006

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1007

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex M
Group 10
cont. Animal 1007
.....
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1008
.....

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1009
.....

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1010
.....

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 19.Jan.2018
36 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

Sacrifice

R3

Sex

M

Group

10

cont. Animal

1010

.....
Macroscopic findings

Animal without particular findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

	Sacrifice	R3
	Sex	M
	Group	11
	Animal	1011

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Glandular stomach
Focus, length 5.0 mm width 1.0 mm, black.
All other organs without macroscopic findings.

	Animal	1012
--	--------	------

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

	Animal	1013
--	--------	------

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex M
Group 11
Animal 1014

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1015

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1016

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1017

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex M
Group 11
cont. Animal 1017
.....
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1018
.....

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1019
.....

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1020
.....

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 19.Jan.2018
36 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

Sacrifice

R3

Sex

M

Group

11

cont. Animal

1020

.....
Macroscopic findings

Animal without particular findings.

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SINGLE ANIMAL SHEET
F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex M
Group 12
Animal 1021

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1022

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1023

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1024

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex M
Group 12
cont. Animal 1024
.....
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1025
.....

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1026
.....

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1027
.....

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex M
Group 12
cont. Animal 1027

Macroscopic findings

Animal without particular findings.

..... Animal 1028

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1029

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1030

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 19.Jan.2018
36 days after start of exposure
1 day after end of exposure

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IIC 480/556

90R0066/05R034

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

.....	Sacrifice	R3
.....	Sex	M
.....	Group	12
.....	cont. Animal	1030

Macroscopic findings

Glandular stomach

Focus, few (2-5), to diameter 5.0 mm, red.

All other organs without macroscopic findings.

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IIC 481/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

06.Feb.2019 HAMA

SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex M
Group 13
Animal 1031

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1032

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1033

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1034

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex M
Group 13
cont. Animal 1034
.....
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1035
.....

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1036
.....

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1037
.....

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex M
Group 13
cont. Animal 1037

Macroscopic findings

Animal without particular findings.

..... Animal 1038

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1039

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 19.Jan.2018
36 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1040

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 19.Jan.2018
36 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

Sacrifice

R3

Sex

M

Group

13

cont. Animal

1040

.....
Macroscopic findings

Animal without particular findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex M
Group 14
Animal 1041

General information

Sex : Male
Group : 14 (4,5 mg/kg Cyclophosphamidemonoh.)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1042

General information

Sex : Male
Group : 14 (4,5 mg/kg Cyclophosphamidemonoh.)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1043

General information

Sex : Male
Group : 14 (4,5 mg/kg Cyclophosphamidemonoh.)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1044

General information

Sex : Male
Group : 14 (4,5 mg/kg Cyclophosphamidemonoh.)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex M
Group 14
cont. Animal 1044
.....
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1045
.....

General information

Sex : Male
Group : 14 (4,5 mg/kg Cyclophosphamidemonoh.)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

Macroscopic findings

All other organs without macroscopic findings.

..... Animal 1046
.....

General information

Sex : Male
Group : 14 (4,5 mg/kg Cyclophosphamidemonoh.)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1047
.....

General information

Sex : Male
Group : 14 (4,5 mg/kg Cyclophosphamidemonoh.)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure
1 day after end of exposure

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F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex M
Group 14
cont. Animal 1047

Macroscopic findings

Animal without particular findings.

..... Animal 1048

General information

Sex : Male
Group : 14 (4,5 mg/kg Cyclophosphamidemonoh.)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1049

General information

Sex : Male
Group : 14 (4,5 mg/kg Cyclophosphamidemonoh.)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 19.Jan.2018
36 days after start of exposure
1 day after end of exposure

Macroscopic findings

Glandular stomach
Focus, diameter 4.0 mm, red.
All other organs without macroscopic findings.

..... Animal 1050

General information

Sex : Male
Group : 14 (4,5 mg/kg Cyclophosphamidemonoh.)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 19.Jan.2018
36 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

Sacrifice

R3

Sex

M

Group

14

cont. Animal

1050

.....
Macroscopic findings

Animal without particular findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex F
Group 10
Animal 1101

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1102

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1103

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1104

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure

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F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex F
Group 10
cont. Animal 1104
.....
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1105
.....

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1106
.....

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1107
.....

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex F
Group 10
cont. Animal 1107

Macroscopic findings

Animal without particular findings.

..... Animal 1108

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1109

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1110

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 19.Jan.2018
36 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

.....	Sacrifice	R3
.....	Sex	F
.....	Group	10
.....	cont. Animal	1110

Macroscopic findings

Animal without particular findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex F
Group 11
Animal 1111

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Spontaneous death
Date of death : 01.Jan.2018
18 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1112

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1113

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1114

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex F
Group 11
cont. Animal 1114
.....
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1115
.....

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1116
.....

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1117
.....

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex F
Group 11
cont. Animal 1117

Macroscopic findings

Animal without particular findings.

..... Animal 1118

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1119

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1120

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
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1 day after end of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

Sacrifice

R3

Sex

F

Group

11

cont. Animal

1120

.....
Macroscopic findings

Animal without particular findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex F
Group 12
Animal 1121
.....
General information
Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1122
.....
General information
Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Glandular stomach
Focus, length 4.0 mm, width 1.0 mm, red.
All other organs without macroscopic findings.

..... Animal 1123
.....
General information
Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex F
Group 12
Animal 1124

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1125

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1126

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1127

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex F
Group 12
cont. Animal 1127
.....
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1128
.....

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1129
.....

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 19.Jan.2018
36 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1130
.....

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 19.Jan.2018
36 days after start of exposure
1 day after end of exposure

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IIC 500/556

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

Sacrifice

R3

Sex

F

Group

12

cont. Animal

1130

.....
Macroscopic findings

Animal without particular findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

Sacrifice R3
Sex F
Group 13
Animal 1131

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Animal 1132

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Animal 1133

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Glandular stomach
Focus, diameter 3.0 mm, red.
All other organs without macroscopic findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex F
Group 13
Animal 1134

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1135

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1136

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1137

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure

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Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex F
Group 13
cont. Animal 1137
.....
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1138
.....

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1139
.....

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1140
.....

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 19.Jan.2018
36 days after start of exposure
1 day after end of exposure

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PATHOLOGY REPORT

IIC 504/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

06.Feb.2019 HAMA

SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

Sacrifice

R3

Sex

F

Group

13

cont. Animal

1140

.....
Macroscopic findings

Glandular stomach

Focus, height 5.0 mm, width 1.0 mm, red.

All other organs without macroscopic findings.

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Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex F
Group 14
Animal 1141

General information

Sex : Female
Group : 14 (4,5 mg/kg Cyclophosphamidemonoh.)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1142

General information

Sex : Female
Group : 14 (4,5 mg/kg Cyclophosphamidemonoh.)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1143

General information

Sex : Female
Group : 14 (4,5 mg/kg Cyclophosphamidemonoh.)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1144

General information

Sex : Female
Group : 14 (4,5 mg/kg Cyclophosphamidemonoh.)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 16.Jan.2018
33 days after start of exposure

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex F
Group 14
cont. Animal 1144
.....
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1145
.....

General information

Sex : Female
Group : 14 (4,5 mg/kg Cyclophosphamidemonoh.)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1146
.....

General information

Sex : Female
Group : 14 (4,5 mg/kg Cyclophosphamidemonoh.)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1147
.....

General information

Sex : Female
Group : 14 (4,5 mg/kg Cyclophosphamidemonoh.)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

BASF PATHOLOGY REPORT IIC 507/556
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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

..... Sacrifice R3
Sex F
Group 14
cont. Animal 1147

Macroscopic findings

Animal without particular findings.

..... Animal 1148

General information

Sex : Female
Group : 14 (4,5 mg/kg Cyclophosphamidemonoh.)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 17.Jan.2018
34 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1149

General information

Sex : Female
Group : 14 (4,5 mg/kg Cyclophosphamidemonoh.)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

..... Animal 1150

General information

Sex : Female
Group : 14 (4,5 mg/kg Cyclophosphamidemonoh.)
Sacrifice : F1 rearing animals, cohort 3 Immunotox.
Necropsy status : Planned sacrifice
Date of death : 18.Jan.2018
35 days after start of exposure
1 day after end of exposure

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PATHOLOGY REPORT

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SINGLE ANIMAL SHEET

F1 GENERATION, REARING ANIMALS, COHORT 3, (IMMUNOTOXICITY)

Sacrifice

R3

Sex

F

Group

14

cont. Animal

1150

.....
Macroscopic findings

Animal without particular findings.

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90R0066/05R034

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in Sprague-Dawley Rats, Oral Administration (gavage)

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice R4
Sex M
Group 10

	Term. body weight g	Brain g	Spleen g	Thymus mg
M	56.91	1.554	0.238	228.6
SD	5.805	0.045	0.044	36.761
n	10	9	10	10
1601	49.8	1.52	0.2	232.0
1602	48.8	1.51	0.18	173.0
1603	54.9	1.52	0.25	225.0
1604	54.5	n/a	0.21	251.0
1605	61.8	1.55	0.25	264.0
1606	51.7	1.52	0.19	167.0
1607	65.8	1.55	0.32	225.0
1608	58.9	1.57	0.26	272.0
1609	60.5	1.64	0.24	212.0
1610	62.4	1.61	0.28	265.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice R4
Sex M
Group 11

	Term. body weight g	Brain g	Spleen g	Thymus mg
M	58.94	1.567	0.293	284.2
SD	5.305	0.072	0.051	35.045
n	10	10	10	10
1611	50.9	1.51	0.2	283.0
1612	58.0	1.51	0.29	303.0
1613	64.6	1.58	0.32	255.0
1614	59.6	1.61	0.29	324.0
1615	67.5	1.72	0.36	326.0
1616	54.5	1.52	0.22	240.0
1617	64.3	1.55	0.33	329.0
1618	59.8	1.61	0.28	283.0
1619	53.8	1.59	0.3	258.0
1620	56.4	1.47	0.34	241.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice R4
Sex M
Group 12

	Term. body weight g	Brain g	Spleen g	Thymus mg
M	62.79	1.628	0.284	267.2
SD	4.752	0.057	0.036	31.233
n	10	10	10	10
1621	57.6	1.56	0.24	229.0
1622	55.3	1.7	0.28	230.0
1623	64.3	1.63	0.31	261.0
1624	58.4	1.56	0.33	240.0
1625	67.7	1.59	0.3	263.0
1626	66.7	1.68	0.32	281.0
1627	64.5	1.71	0.3	305.0
1628	70.0	1.64	0.29	326.0
1629	60.7	1.64	0.23	263.0
1630	62.7	1.57	0.24	274.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice R4
Sex M
Group 13

	Term. body weight g	Brain g	Spleen g	Thymus mg
M	61.83	1.596	0.285	247.8
SD	3.062	0.057	0.058	35.593
n	10	10	10	10
1631	56.7	1.56	0.24	233.0
1632	60.5	1.64	0.26	319.0
1633	59.7	1.62	0.3	203.0
1634	58.2	1.54	0.35	246.0
1635	64.2	1.57	0.4	255.0
1636	64.9	1.63	0.26	213.0
1637	65.1	1.72	0.27	262.0
1638	64.0	1.54	0.19	236.0
1639	64.4	1.59	0.29	290.0
1640	60.6	1.55	0.29	221.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice R4
Sex F
Group 10

	Term. body weight g	Brain g	Spleen g	Thymus mg
M	56.35	1.543	0.242	260.7
SD	3.437	0.048	0.029	32.452
n	10	10	10	10
1701	49.8	1.57	0.22	278.0
1702	55.8	1.51	0.23	192.0
1703	54.2	1.49	0.21	230.0
1704	58.4	1.6	0.23	299.0
1705	61.8	1.56	0.25	250.0
1706	58.6	1.56	0.28	255.0
1707	56.6	1.45	0.3	260.0
1708	59.3	1.6	0.25	260.0
1709	55.9	1.55	0.23	293.0
1710	53.1	1.54	0.22	290.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice R4
Sex F
Group 11

	Term. body weight g	Brain g	Spleen g	Thymus mg
M	60.05	1.564	0.267	265.1
SD	5.382	0.053	0.042	45.752
n	10	10	10	10
1711	52.7	1.5	0.25	182.0
1712	54.2	1.48	0.24	214.0
1713	60.4	1.57	0.3	304.0
1714	59.2	1.58	0.34	287.0
1715	57.3	1.52	0.27	270.0
1716	63.2	1.65	0.25	282.0
1717	63.6	1.59	0.32	329.0
1718	59.9	1.54	0.26	232.0
1719	58.2	1.61	0.2	247.0
1720	71.8	1.6	0.24	304.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice R4
Sex F
Group 12

	Term. body weight g	Brain g	Spleen g	Thymus mg
M	60.32	1.512	0.276	273.5
SD	3.439	0.043	0.042	34.744
n	10	10	10	10
1721	56.9	1.46	0.21	201.0
1722	57.4	1.47	0.26	265.0
1723	67.7	1.5	0.3	295.0
1724	61.0	1.58	0.31	253.0
1725	63.1	1.54	0.25	274.0
1726	60.6	1.56	0.23	318.0
1727	56.9	1.55	0.29	276.0
1728	57.2	1.48	0.26	283.0
1729	60.7	1.47	0.3	251.0
1730	61.7	1.51	0.35	319.0

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ABSOLUTE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice R4
Sex F
Group 13

	Term. body weight g	Brain g	Spleen g	Thymus mg
M	57.09	1.522	0.266	258.5
SD	5.221	0.071	0.053	34.645
n	10	10	10	10
1731	55.6	1.5	0.26	271.0
1732	67.7	1.62	0.27	293.0
1733	55.9	1.5	0.28	285.0
1734	57.3	1.48	0.25	219.0
1735	61.1	1.6	0.33	235.0
1736	54.8	1.47	0.22	242.0
1737	48.8	1.42	0.23	224.0
1738	55.4	1.48	0.21	222.0
1739	52.9	1.52	0.23	276.0
1740	61.4	1.63	0.38	318.0

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice R4
Sex M
Group 10

	Term. body weight %	Brain %	Spleen %	Thymus %
M	100.0	2.742	0.416	0.402
SD		0.249	0.04	0.055
n	10	9	10	10
1601	100.0	3.052	0.402	0.466
1602	100.0	3.094	0.369	0.355
1603	100.0	2.769	0.455	0.41
1604	100.0	n/a	0.385	0.461
1605	100.0	2.508	0.405	0.427
1606	100.0	2.94	0.368	0.323
1607	100.0	2.356	0.486	0.342
1608	100.0	2.666	0.441	0.462
1609	100.0	2.711	0.397	0.35
1610	100.0	2.58	0.449	0.425

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice R4
Sex M
Group 11

	Term. body weight %	Brain %	Spleen %	Thymus %
M	100.0	2.672	0.495	0.483
SD		0.19	0.064	0.052
n	10	10	10	10
1611	100.0	2.967	0.393	0.556
1612	100.0	2.603	0.5	0.522
1613	100.0	2.446	0.495	0.395
1614	100.0	2.701	0.487	0.544
1615	100.0	2.548	0.533	0.483
1616	100.0	2.789	0.404	0.44
1617	100.0	2.411	0.513	0.512
1618	100.0	2.692	0.468	0.473
1619	100.0	2.955	0.558	0.48
1620	100.0	2.606	0.603	0.427

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice R4
Sex M
Group 12

	Term. body weight %	Brain %	Spleen %	Thymus %
M	100.0	2.606	0.453	0.425
SD		0.212	0.058	0.028
n	10	10	10	10
1621	100.0	2.708	0.417	0.398
1622	100.0	3.074	0.506	0.416
1623	100.0	2.535	0.482	0.406
1624	100.0	2.671	0.565	0.411
1625	100.0	2.349	0.443	0.388
1626	100.0	2.519	0.48	0.421
1627	100.0	2.651	0.465	0.473
1628	100.0	2.343	0.414	0.466
1629	100.0	2.702	0.379	0.433
1630	100.0	2.504	0.383	0.437

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice R4
Sex M
Group 13

	Term. body weight %	Brain %	Spleen %	Thymus %
M	100.0	2.585	0.462	0.401
SD		0.124	0.096	0.058
n	10	10	10	10
1631	100.0	2.751	0.423	0.411
1632	100.0	2.711	0.43	0.527
1633	100.0	2.714	0.503	0.34
1634	100.0	2.646	0.601	0.423
1635	100.0	2.445	0.623	0.397
1636	100.0	2.512	0.401	0.328
1637	100.0	2.642	0.415	0.402
1638	100.0	2.406	0.297	0.369
1639	100.0	2.469	0.45	0.45
1640	100.0	2.558	0.479	0.365

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice R4
Sex F
Group 10

	Term. body weight %	Brain %	Spleen %	Thymus %
M	100.0	2.747	0.429	0.465
SD		0.178	0.044	0.069
n	10	10	10	10
1701	100.0	3.153	0.442	0.558
1702	100.0	2.706	0.412	0.344
1703	100.0	2.749	0.387	0.424
1704	100.0	2.74	0.394	0.512
1705	100.0	2.524	0.405	0.405
1706	100.0	2.662	0.478	0.435
1707	100.0	2.562	0.53	0.459
1708	100.0	2.698	0.422	0.438
1709	100.0	2.773	0.411	0.524
1710	100.0	2.9	0.414	0.546

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice R4
Sex F
Group 11

	Term. body weight %	Brain %	Spleen %	Thymus %
M	100.0	2.617	0.447	0.44
SD		0.17	0.074	0.055
n	10	10	10	10
1711	100.0	2.846	0.474	0.345
1712	100.0	2.731	0.443	0.395
1713	100.0	2.599	0.497	0.503
1714	100.0	2.669	0.574	0.485
1715	100.0	2.653	0.471	0.471
1716	100.0	2.611	0.396	0.446
1717	100.0	2.5	0.503	0.517
1718	100.0	2.571	0.434	0.387
1719	100.0	2.766	0.344	0.424
1720	100.0	2.228	0.334	0.423

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PATHOLOGY REPORT

IIC 523/556

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Modified extended one-generation reproduction toxicity study
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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice R4
Sex F
Group 12

	Term. body weight %	Brain %	Spleen %	Thymus %
M	100.0	2.513	0.457	0.453
SD		0.138	0.064	0.053
n	10	10	10	10
1721	100.0	2.566	0.369	0.353
1722	100.0	2.561	0.453	0.462
1723	100.0	2.216	0.443	0.436
1724	100.0	2.59	0.508	0.415
1725	100.0	2.441	0.396	0.434
1726	100.0	2.574	0.38	0.525
1727	100.0	2.724	0.51	0.485
1728	100.0	2.587	0.455	0.495
1729	100.0	2.422	0.494	0.414
1730	100.0	2.447	0.567	0.517

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RELATIVE WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice R4
Sex F
Group 13

	Term. body weight %	Brain %	Spleen %	Thymus %
M	100.0	2.677	0.465	0.454
SD		0.144	0.073	0.054
n	10	10	10	10
1731	100.0	2.698	0.468	0.487
1732	100.0	2.393	0.399	0.433
1733	100.0	2.683	0.501	0.51
1734	100.0	2.583	0.436	0.382
1735	100.0	2.619	0.54	0.385
1736	100.0	2.682	0.401	0.442
1737	100.0	2.91	0.471	0.459
1738	100.0	2.671	0.379	0.401
1739	100.0	2.873	0.435	0.522
1740	100.0	2.655	0.619	0.518

BASF

PATHOLOGY REPORT

IIC 525/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

06.Feb.2019 HAMA

SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice	R4
Sex	M
Group	10
Animal	1601

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 05.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal	1602
--------	------

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 05.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal	1603
--------	------

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

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90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

	Sacrifice	R4
	Sex	M
	Group	10
	Animal	1604

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

	Animal	1605
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General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

	Animal	1606
--	--------	------

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

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PATHOLOGY REPORT

IIC 527/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

06.Feb.2019 HAMA

SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

	Sacrifice	R4
	Sex	M
	Group	10
	Animal	1607

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

	Animal	1608
--	--------	------

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

	Animal	1609
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General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

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PATHOLOGY REPORT

IIC 528/556

90R0066/05R034

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in Sprague-Dawley Rats, Oral Administration (gavage)

06.Feb.2019 HAMA

SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

-----	Sacrifice	R4
	Sex	M
	Group	10
	Animal	1610
.....		

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

	Sacrifice	R4
	Sex	M
	Group	11
	Animal	1611

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

	Animal	1612
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General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

	Animal	1613
--	--------	------

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

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90R0066/05R034
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SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

	Sacrifice	R4
	Sex	M
	Group	11
	Animal	1614

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

	Animal	1615
--	--------	------

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

	Animal	1616
--	--------	------

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

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SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

	Sacrifice	R4
	Sex	M
	Group	11
	Animal	1617

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

	Animal	1618
--	--------	------

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

	Animal	1619
--	--------	------

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

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PATHOLOGY REPORT

IIC 532/556

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SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

.....	Sacrifice	R4
.....	Sex	M
.....	Group	11
.....	Animal	1620

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 09.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

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SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

..... Sacrifice R4
Sex M
Group 12
Animal 1621

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

..... Animal 1622

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

..... Animal 1623

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

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SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice R4
Sex M
Group 12
Animal 1624

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

----- Animal 1625 -----

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

----- Animal 1626 -----

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

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SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

.....	Sacrifice	R4
.....	Sex	M
.....	Group	12
.....	Animal	1627

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

.....	Animal	1628
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General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

.....	Animal	1629
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General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

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SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

-----	Sacrifice	R4
	Sex	M
	Group	12
	Animal	1630
.....		

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 09.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

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in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

	Sacrifice	R4
	Sex	M
	Group	13
	Animal	1631

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 05.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

	Animal	1632
--	--------	------

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

	Animal	1633
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General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

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in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

	Sacrifice	R4
	Sex	M
	Group	13
	Animal	1634

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

	Animal	1635
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General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

	Animal	1636
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General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

	Sacrifice	R4
	Sex	M
	Group	13
	Animal	1637

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

	Animal	1638
--	--------	------

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

	Animal	1639
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General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings

Liver lymph node
Enlarged, tissue preserved in cassette.
All other organs without macroscopic findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice R4
Sex M
Group 13
cont. Animal 1639

Microscopic findings

Liver lymph node

Histopathologic evaluation of gross lesion(s) will not be performed.

All organs examined without pathologic findings.

Animal 1640

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 09.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

	Sacrifice	R4
	Sex	F
	Group	10
	Animal	1701

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

	Animal	1702
--	--------	------

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

	Animal	1703
--	--------	------

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice	R4
Sex	F
Group	10
Animal	1704

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal	1705
--------	------

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal	1706
--------	------

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice R4
Sex F
Group 10
Animal 1707
.....

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 1708

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 1709

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 09.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice	R4
Sex	F
Group	10
Animal	1710

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 09.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice R4
Sex F
Group 11
Animal 1711

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

----- Animal 1712 -----

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

----- Animal 1713 -----

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

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SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

..... Sacrifice R4
Sex F
Group 11
Animal 1714

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

..... Animal 1715

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

..... Animal 1716

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

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SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice R4
Sex F
Group 11
Animal 1717

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

Animal 1718

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

Animal 1719

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

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SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

.....	Sacrifice	R4
.....	Sex	F
.....	Group	11
.....	Animal	1720

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 09.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

BASF PATHOLOGY REPORT IIC 549/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice R4
Sex F
Group 12
Animal 1721

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

Animal 1722

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

Animal 1723

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

BASF PATHOLOGY REPORT IIC 550/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice R4
Sex F
Group 12
Animal 1724

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

----- Animal 1725 -----

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

----- Animal 1726 -----

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

BASF

PATHOLOGY REPORT

IIC 551/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

06.Feb.2019 HAMA

SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

.....	Sacrifice	R4
.....	Sex	F
.....	Group	12
.....	Animal	1727

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

.....	Animal	1728
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General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

.....	Animal	1729
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General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 09.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

BASF

PATHOLOGY REPORT

IIC 552/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

06.Feb.2019 HAMA

SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice	R4
Sex	F
Group	12
Animal	1730

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 09.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

BASF PATHOLOGY REPORT IIC 553/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

	Sacrifice	R4
	Sex	F
	Group	13
	Animal	1731

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

	Animal	1732
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General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

	Animal	1733
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General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

BASF PATHOLOGY REPORT IIC 554/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

	Sacrifice	R4
	Sex	F
	Group	13
	Animal	1734

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

	Animal	1735
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General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

	Animal	1736
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General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

BASF PATHOLOGY REPORT IIC 555/556
90R0066/05R034
Modified extended one-generation reproduction toxicity study 06.Feb.2019 HAMA
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

	Sacrifice	R4
	Sex	F
	Group	13
	Animal	1737

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

	Animal	1738
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General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

	Animal	1739
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General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 09.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

BASF

PATHOLOGY REPORT

IIC 556/556

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

06.Feb.2019 HAMA

SINGLE ANIMAL SHEET

F1 GENERATION, PUPS PND 22, NOT SELECTED FOR COHORTS

Sacrifice	R4
Sex	F
Group	13
Animal	1740

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 weanlings not selected for cohorts
Necropsy status : Planned sacrifice
Date of death : 09.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

BASF

NEUROPATHOLOGY REPORT

IID 1/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

ABSOLUTE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice I1
Sex M
Group 10

	Term. body weight g	Brain g
M	394.72	2.262
SD	42.07	0.12
n	10	10

601	393.7	2.19
602	368.7	2.46
603	389.5	2.22
604	393.4	2.15
605	360.6	2.45
606	431.7	2.16
607	326.5	2.22
608	464.6	2.25
609	446.2	2.37
610	372.3	2.15

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NEUROPATHOLOGY REPORT

IID 2/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

ABSOLUTE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice I1
Sex M
Group 11

	Term. body weight g	Brain g
M	394.66	2.166
SD	25.739	0.074
n	10	10
611	408.5	2.22
612	373.7	2.1
613	385.6	2.16
614	384.3	2.11
615	360.3	2.12
616	376.6	2.15
617	433.2	2.29
618	437.2	2.29
619	380.6	2.11
620	406.6	2.11

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NEUROPATHOLOGY REPORT

IID 3/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

ABSOLUTE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice I1
Sex M
Group 12

	Term. body weight g	Brain g
M	408.31	2.223
SD	24.1	0.092
n	10	10

621	405.9	2.34
622	377.0	2.14
623	430.2	2.2
624	400.3	2.21
625	367.0	2.16
626	435.8	2.2
627	433.2	2.35
628	415.9	2.36
629	392.2	2.13
630	425.6	2.14

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NEUROPATHOLOGY REPORT

IID 4/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

ABSOLUTE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice I1
Sex M
Group 13

	Term. body weight g	Brain g
M	402.59	2.242
SD	14.674	0.117
n	10	10
631	371.5	2.18
632	391.8	2.21
633	402.9	2.1
634	418.9	2.36
635	403.3	2.18
636	415.1	2.42
637	421.8	2.26
638	399.7	2.31
639	395.7	2.06
640	405.2	2.34

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NEUROPATHOLOGY REPORT

IID 5/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

ABSOLUTE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice I1
Sex F
Group 10

	Term. body weight g	Brain g
M	236.19	2.047
SD	21.896	0.119
n	10	10
701	273.8	2.04
702	207.6	1.9
703	213.5	1.96
704	250.5	2.12
705	238.3	1.93
706	216.2	1.92
707	223.8	2.08
708	243.8	2.27
709	231.3	2.11
710	263.1	2.14

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NEUROPATHOLOGY REPORT

IID 6/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

ABSOLUTE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice I1
Sex F
Group 11

	Term. body weight g	Brain g
M	227.32	2.02
SD	25.011	0.073
n	10	10

711	190.8	1.96
712	265.5	2.11
713	238.7	2.04
714	225.8	2.02
715	249.9	2.04
716	244.3	2.07
717	190.9	1.99
718	219.7	2.1
719	239.6	2.01
720	208.0	1.86

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NEUROPATHOLOGY REPORT

IID 7/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

ABSOLUTE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice I1
Sex F
Group 12

	Term. body weight g	Brain g
M	233.66	2.033
SD	11.367	0.058
n	10	10
721	220.3	2.01
722	239.5	2.11
723	232.2	2.05
724	236.1	2.03
725	231.0	2.03
726	212.4	2.01
727	235.7	1.91
728	252.5	2.08
729	244.7	2.0
730	232.2	2.1

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NEUROPATHOLOGY REPORT

IID 8/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

ABSOLUTE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice I1
Sex F
Group 13

	Term. body weight g	Brain g
M	248.19	2.077
SD	25.302	0.084
n	10	10
731	263.8	2.15
732	308.0	2.21
733	241.7	2.01
734	229.3	1.99
735	248.7	1.99
736	246.9	2.09
737	258.7	2.07
738	215.9	2.05
739	232.3	2.01
740	236.6	2.2

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NEUROPATHOLOGY REPORT

IID 9/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

ABSOLUTE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice I2
Sex M
Group 10

	Term. body weight g	Brain g
M	59.88	1.828
SD	3.889	0.065
n	10	10
801	52.4	1.75
802	58.5	1.82
803	63.8	1.84
804	59.9	1.89
805	64.7	1.82
806	60.5	1.75
807	54.8	1.81
808	61.2	1.95
809	59.7	1.77
810	63.3	1.88

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NEUROPATHOLOGY REPORT

IID 10/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

ABSOLUTE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice I2
Sex M
Group 11

	Term. body weight g	Brain g
M	57.64	1.783
SD	4.935	0.065
n	10	10
811	51.1	1.73
812	58.1	1.77
813	62.7	1.81
814	52.1	1.8
815	64.3	1.93
816	62.2	1.78
817	61.7	1.74
818	56.2	1.83
819	51.8	1.72
820	56.2	1.72

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NEUROPATHOLOGY REPORT

IID 11/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

ABSOLUTE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice I2
Sex M
Group 12

	Term. body weight g	Brain g
M	60.29	1.855
SD	3.753	0.057
n	10	10
821	57.2	1.85
822	56.3	1.89
823	62.8	1.91
824	57.0	1.89
825	59.9	1.77
826	65.5	1.93
827	57.5	1.75
828	58.3	1.86
829	61.5	1.84
830	66.9	1.86

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NEUROPATHOLOGY REPORT

IID 12/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

ABSOLUTE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice I2
Sex M
Group 13

	Term. body weight g	Brain g
M	60.71	1.819
SD	3.808	0.063
n	10	10
831	62.3	1.77
832	61.3	1.91
833	57.6	1.76
834	61.3	1.75
835	58.8	1.83
836	62.7	1.81
837	62.4	1.83
838	52.1	1.76
839	66.2	1.93
840	62.4	1.84

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NEUROPATHOLOGY REPORT

IID 13/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

ABSOLUTE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice I2
Sex F
Group 10

	Term. body weight g	Brain g
M	56.1	1.757
SD	3.893	0.043
n	10	10
901	57.9	1.74
902	48.9	1.81
903	60.4	1.72
904	50.6	1.7
905	54.6	1.79
906	60.6	1.72
907	57.5	1.76
908	55.1	1.72
909	58.7	1.82
910	56.7	1.79

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NEUROPATHOLOGY REPORT

IID 14/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

ABSOLUTE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice I2
Sex F
Group 11

	Term. body weight g	Brain g
M	57.39	1.74
SD	3.898	0.082
n	10	10
911	50.8	1.73
912	57.2	1.7
913	54.1	1.73
914	59.7	1.67
915	54.4	1.69
916	57.1	1.74
917	63.2	1.89
918	62.7	1.88
919	55.6	1.72
920	59.1	1.65

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NEUROPATHOLOGY REPORT

IID 15/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

ABSOLUTE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice I2
Sex F
Group 12

	Term. body weight g	Brain g
M	58.25	1.751
SD	4.03	0.062
n	10	10

921	53.1	1.74
922	56.5	1.74
923	64.5	1.81
924	57.8	1.79
925	55.5	1.79
926	55.8	1.61
927	53.7	1.71
928	62.4	1.8
929	60.3	1.8
930	62.9	1.72

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NEUROPATHOLOGY REPORT

IID 16/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

ABSOLUTE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice I2
Sex F
Group 13

	Term. body weight g	Brain g
M	59.61	1.801
SD	2.517	0.111
n	10	10
931	63.6	1.97
932	55.7	1.8
933	63.1	1.88
934	57.8	1.71
935	59.0	1.78
936	58.5	1.88
937	62.1	1.79
938	58.5	1.67
939	59.3	1.62
940	58.5	1.91

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NEUROPATHOLOGY REPORT

IID 17/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

RELATIVE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice I1
Sex M
Group 10

	Term. body weight %	Brain %
M	100.0	0.579
SD		0.072
n	10	10
601	100.0	0.556
602	100.0	0.667
603	100.0	0.57
604	100.0	0.547
605	100.0	0.679
606	100.0	0.5
607	100.0	0.68
608	100.0	0.484
609	100.0	0.531
610	100.0	0.578

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NEUROPATHOLOGY REPORT

IID 18/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

RELATIVE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice I1
Sex M
Group 11

	Term. body weight %	Brain %
M	100.0	0.55
SD		0.022
n	10	10
611	100.0	0.543
612	100.0	0.562
613	100.0	0.56
614	100.0	0.549
615	100.0	0.588
616	100.0	0.571
617	100.0	0.529
618	100.0	0.524
619	100.0	0.554
620	100.0	0.519

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NEUROPATHOLOGY REPORT

IID 19/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

RELATIVE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice I1
Sex M
Group 12

	Term. body weight %	Brain %
M	100.0	0.546
SD		0.031
n	10	10
621	100.0	0.577
622	100.0	0.568
623	100.0	0.511
624	100.0	0.552
625	100.0	0.589
626	100.0	0.505
627	100.0	0.542
628	100.0	0.567
629	100.0	0.543
630	100.0	0.503

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NEUROPATHOLOGY REPORT

IID 20/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

RELATIVE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice I1
Sex M
Group 13

	Term. body weight %	Brain %
M	100.0	0.557
SD		0.025
n	10	10
631	100.0	0.587
632	100.0	0.564
633	100.0	0.521
634	100.0	0.563
635	100.0	0.541
636	100.0	0.583
637	100.0	0.536
638	100.0	0.578
639	100.0	0.521
640	100.0	0.578

BASF

NEUROPATHOLOGY REPORT

IID 21/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

RELATIVE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice I1
Sex F
Group 10

	Term. body weight %	Brain %
M	100.0	0.871
SD		0.064
n	10	10
701	100.0	0.745
702	100.0	0.915
703	100.0	0.918
704	100.0	0.846
705	100.0	0.81
706	100.0	0.888
707	100.0	0.93
708	100.0	0.931
709	100.0	0.912
710	100.0	0.813

BASF

NEUROPATHOLOGY REPORT

IID 22/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

RELATIVE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice I1
Sex F
Group 11

	Term. body weight %	Brain %
M	100.0	0.897
SD		0.086
n	10	10
711	100.0	1.027
712	100.0	0.795
713	100.0	0.855
714	100.0	0.895
715	100.0	0.816
716	100.0	0.847
717	100.0	1.042
718	100.0	0.956
719	100.0	0.839
720	100.0	0.894

BASF

NEUROPATHOLOGY REPORT

IID 23/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

RELATIVE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice I1
Sex F
Group 12

	Term. body weight %	Brain %
M	100.0	0.872
SD		0.044
n	10	10
721	100.0	0.912
722	100.0	0.881
723	100.0	0.883
724	100.0	0.86
725	100.0	0.879
726	100.0	0.946
727	100.0	0.81
728	100.0	0.824
729	100.0	0.817
730	100.0	0.904

BASF

NEUROPATHOLOGY REPORT

IID 24/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

RELATIVE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice I1
Sex F
Group 13

	Term. body weight %	Brain %
M	100.0	0.842
SD		0.067
n	10	10
731	100.0	0.815
732	100.0	0.717
733	100.0	0.832
734	100.0	0.868
735	100.0	0.8
736	100.0	0.846
737	100.0	0.8
738	100.0	0.95
739	100.0	0.865
740	100.0	0.93

BASF

NEUROPATHOLOGY REPORT

IID 25/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

RELATIVE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice I2
Sex M
Group 10

	Term. body weight %	Brain %
M	100.0	3.063
SD		0.183
n	10	10
801	100.0	3.337
802	100.0	3.111
803	100.0	2.885
804	100.0	3.158
805	100.0	2.812
806	100.0	2.894
807	100.0	3.306
808	100.0	3.189
809	100.0	2.963
810	100.0	2.971

BASF

NEUROPATHOLOGY REPORT

IID 26/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

RELATIVE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice I2
Sex M
Group 11

	Term. body weight %	Brain %
M	100.0	3.109
SD		0.23
n	10	10
811	100.0	3.384
812	100.0	3.045
813	100.0	2.885
814	100.0	3.453
815	100.0	3.004
816	100.0	2.862
817	100.0	2.819
818	100.0	3.256
819	100.0	3.324
820	100.0	3.058

BASF

NEUROPATHOLOGY REPORT

IID 27/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

RELATIVE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice I2
Sex M
Group 12

	Term. body weight %	Brain %
M	100.0	3.087
SD		0.184
n	10	10
821	100.0	3.234
822	100.0	3.36
823	100.0	3.043
824	100.0	3.319
825	100.0	2.956
826	100.0	2.948
827	100.0	3.046
828	100.0	3.189
829	100.0	2.99
830	100.0	2.781

BASF

NEUROPATHOLOGY REPORT

IID 28/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

RELATIVE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice I2
Sex M
Group 13

	Term. body weight %	Brain %
M	100.0	3.004
SD		0.165
n	10	10
831	100.0	2.841
832	100.0	3.116
833	100.0	3.057
834	100.0	2.856
835	100.0	3.113
836	100.0	2.886
837	100.0	2.934
838	100.0	3.378
839	100.0	2.916
840	100.0	2.947

BASF

NEUROPATHOLOGY REPORT

IID 29/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

RELATIVE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice I2
Sex F
Group 10

	Term. body weight %	Brain %
M	100.0	3.146
SD		0.254
n	10	10
901	100.0	3.004
902	100.0	3.7
903	100.0	2.85
904	100.0	3.358
905	100.0	3.277
906	100.0	2.839
907	100.0	3.059
908	100.0	3.12
909	100.0	3.101
910	100.0	3.156

BASF

NEUROPATHOLOGY REPORT

IID 30/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

RELATIVE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice I2
Sex F
Group 11

	Term. body weight %	Brain %
M	100.0	3.041
SD		0.182
n	10	10
911	100.0	3.409
912	100.0	2.97
913	100.0	3.197
914	100.0	2.796
915	100.0	3.108
916	100.0	3.047
917	100.0	2.992
918	100.0	3.001
919	100.0	3.095
920	100.0	2.792

BASF

NEUROPATHOLOGY REPORT

IID 31/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

RELATIVE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice I2
Sex F
Group 12

	Term. body weight %	Brain %
M	100.0	3.016
SD		0.186
n	10	10
921	100.0	3.278
922	100.0	3.079
923	100.0	2.808
924	100.0	3.096
925	100.0	3.227
926	100.0	2.883
927	100.0	3.186
928	100.0	2.884
929	100.0	2.986
930	100.0	2.736

BASF

NEUROPATHOLOGY REPORT

IID 32/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

RELATIVE BRAIN WEIGHTS - INDIVIDUAL VALUES

F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice I2
Sex F
Group 13

	Term. body weight %	Brain %
M	100.0	3.023
SD		0.178
n	10	10
931	100.0	3.097
932	100.0	3.235
933	100.0	2.979
934	100.0	2.956
935	100.0	3.015
936	100.0	3.214
937	100.0	2.883
938	100.0	2.853
939	100.0	2.732
940	100.0	3.267

NEUROPATHOLOGY REPORT

IID 33/102
90R0066/05R034

Length and width of brain (single animal data)
F1 Generation, rearing animals, Cohort 2A (adults)

Male:

Group	Animal no.	Brain	
		Length (cm)	Width (cm)
10	601	2.24	1.64
	602	2.26	1.66
	603	2.26	1.59
	604	2.09	1.58
	605	2.23	1.68
	606	2.17	1.64
	607	2.17	1.59
	608	2.20	1.61
	609	2.18	1.60
	610	2.17	1.59
	M	2.20	1.62
	n	10	10
11	611	2.22	1.68
	612	2.16	1.56
	613	2.14	1.59
	614	2.17	1.57
	615	2.12	1.64
	616	2.14	1.57
	617	2.22	1.66
	618	2.17	1.65
	619	2.23	1.63
	620	2.09	1.55
	M	2.16	1.61
	n	10	10
12	621	2.28	1.65
	622	2.19	1.60
	623	2.17	1.63
	624	2.25	1.62
	625	2.12	1.63
	626	2.19	1.66
	627	2.21	1.69
	628	2.26	1.64
	629	2.19	1.53
	630	2.22	1.59
	M	2.20	1.62
	n	10	10
13	631	2.24	1.58
	632	2.25	1.56
	633	2.16	1.60
	634	2.25	1.62
	635	2.20	1.61
	636	2.24	1.67
	637	2.26	1.60
	638	2.20	1.56
	639	2.19	1.59
	640	2.19	1.63
	M	2.22	1.60
	n	10	10

Female:

Group	Animal no.	Brain	
		Length (cm)	Width (cm)
10	701	2.12	1.60
	702	2.03	1.53
	703	2.12	1.55
	704	2.17	1.59
	705	2.09	1.57
	706	2.11	1.54
	707	2.16	1.62
	708	2.14	1.64
	709	2.12	1.55
	710	2.09	1.60
	M	2.12	1.58
	n	10	10
11	711	2.09	1.56
	712	2.15	1.62
	713	2.12	1.59
	714	2.14	1.57
	715	2.16	1.60
	716	2.15	1.56
	717	2.09	1.59
	718	2.10	1.61
	719	2.10	1.54
	720	2.11	1.52
	M	2.12	1.58
	n	10	10
12	721	2.11	1.58
	722	2.12	1.58
	723	2.14	1.60
	724	2.18	1.60
	725	2.11	1.57
	726	2.09	1.58
	727	2.15	1.53
	728	2.11	1.58
	729	2.10	1.54
	730	2.17	1.56
	M	2.13	1.57
	n	10	10
13	731	2.14	1.62
	732	2.16	1.69
	733	2.09	1.61
	734	2.07	1.59
	735	2.12	1.54
	736	2.20	1.59
	737	2.14	1.61
	738	2.07	1.56
	739	2.10	1.56
	740	2.17	1.59
	M	2.13	1.59
	n	10	10

NEUROPATHOLOGY REPORT

IID 34/102
90R0066/05R034

Length and width of brain (single animal data)
F1 Generation, rearing animals, Cohort 2B (weanlings)

Male:

Group	Animal no.	Brain	
		Length (cm)	Width (cm)
10	801	1.90	1.51
	802	1.96	1.53
	803	1.94	1.51
	804	1.95	1.53
	805	1.96	1.55
	806	1.96	1.53
	807	1.94	1.52
	808	1.96	1.59
	809	1.91	1.47
	810	2.02	1.56
	M	1.95	1.53
	n	10	10
11	811	1.82	1.55
	812	1.93	1.51
	813	1.87	1.52
	814	1.93	1.54
	815	1.98	1.61
	816	1.96	1.55
	817	1.92	1.51
	818	1.93	1.55
	819	1.88	1.53
	820	1.90	1.48
	M	1.91	1.53
	n	10	10
12	821	1.93	1.55
	822	1.95	1.49
	823	1.97	1.59
	824	1.93	1.55
	825	1.93	1.55
	826	1.94	1.56
	827	1.90	1.45
	828	1.94	1.54
	829	1.93	1.55
	830	1.95	1.52
	M	1.94	1.53
	n	10	10
13	831	1.93	1.56
	832	2.00	1.54
	833	1.94	1.49
	834	1.95	1.55
	835	1.98	1.55
	836	1.95	1.55
	837	1.93	1.59
	838	1.89	1.51
	839	1.95	1.62
	840	1.94	1.51
	M	1.95	1.55
	n	10	10

Female:

Group	Animal no.	Brain	
		Length (cm)	Width (cm)
10	901	1.93	1.54
	902	1.91	1.52
	903	1.95	1.48
	904	1.92	1.47
	905	1.98	1.52
	906	1.92	1.56
	907	1.88	1.50
	908	1.87	1.46
	909	1.86	1.52
	910	1.92	1.50
	M	1.91	1.51
	n	10	10
11	911	1.92	1.53
	912	1.89	1.49
	913	1.86	1.52
	914	1.94	1.50
	915	1.87	1.52
	916	1.89	1.52
	917	1.99	1.58
	918	1.91	1.52
	919	1.95	1.52
	920	1.89	1.49
	M	1.91	1.52
	n	10	10
12	921	1.92	1.50
	922	1.90	1.49
	923	1.95	1.56
	924	1.94	1.54
	925	1.92	1.54
	926	1.86	1.52
	927	1.86	1.51
	928	1.92	1.54
	929	1.94	1.54
	930	1.95	1.50
	M	1.92	1.52
	n	10	10
13	931	2.01	1.56
	932	1.91	1.49
	933	1.96	1.54
	934	1.88	1.47
	935	1.93	1.50
	936	1.95	1.53
	937	1.94	1.51
	938	1.83	1.47
	939	1.84	1.48
	940	1.93	1.58
	M	1.92	1.51
	n	10	10

NEUROPATHOLOGY REPORT

 IID 35/102
 90R0066/05R034

 Morphometry - Measurements of brain sections (single animal data)
 F1 Generation, rearing animals, Cohort 2A (adults)

Male:

Group	Animal no.	Measurement (mm)									
		1	2	3	4	5	6	7	8	9	10
10	601	2.12	2.14	4.39	4.57	2.00	2.00	0.71	1.41	1.47	0.89
	602	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.56	1.65	0.91
	603	2.12	2.09	4.41	4.32	2.11	2.07	0.84	1.10	1.14	0.79
	604	2.10	2.05	4.42	4.15	2.02	1.97	1.02	1.59	1.54	0.98
	605	1.93	1.85	4.21	4.08	2.12	2.18	1.14	1.49	1.54	1.00
	606	1.84	1.81	4.20	4.44	1.89	1.95	0.86	1.29	1.41	0.92
	607	2.12	2.05	4.06	4.41	2.02	2.02	1.01	1.40	1.46	1.16
	608	1.69	1.96	4.61	4.12	1.79	1.92	0.88	1.47	1.38	1.10
	609	1.87	1.80	3.95	4.10	2.11	2.08	0.55	1.74	1.80	1.14
	610	1.91	1.94	4.24	4.16	1.98	2.03	0.92	1.45	1.51	1.03
	M	1.97	1.96	4.28	4.26	2.00	2.03	0.88	1.45	1.49	0.99
	n	9	9	9	9	9	9	9	10	10	10
13	631	1.98	1.90	4.14	4.15	2.03	2.04	0.79	1.60	1.68	1.09
	632	1.82	1.70	3.65	4.20	1.78	1.90	0.76	1.52	1.51	0.93
	633	2.00	2.09	3.91	4.22	1.96	2.04	0.86	1.48	1.38	0.90
	634	1.70	1.68	3.46	3.48	1.93	1.75	0.64	1.70	1.69	0.99
	635	2.04	1.98	3.88	4.15	1.93	1.96	0.84	1.47	1.32	0.92
	636	1.89	1.88	3.72	3.53	2.22	2.02	0.59	1.82	1.89	0.93
	637	2.01	N/A	3.72	3.76	2.09	2.18	0.50	1.57	1.66	1.20
	638	1.90	1.94	3.85	3.75	2.01	2.04	0.70	1.74	1.80	1.16
	639	1.66	1.67	4.13	4.31	1.69	1.83	0.84	1.35	1.33	1.00
	640	1.95	1.83	3.97	3.74	1.93	2.15	0.79	1.65	1.63	1.04
	M	1.89	1.85	3.84	3.93	1.96	1.99	0.73	1.59	1.59	1.01
	n	10	9	10	10	10	10	10	10	10	10

Female:

Group	Animal no.	Measurement (mm)									
		1	2	3	4	5	6	7	8	9	10
10	701	1.87	1.81	4.00	3.85	1.94	1.98	0.86	1.54	1.66	0.89
	702	2.07	1.98	3.75	3.68	1.89	2.07	0.71	1.69	1.67	0.98
	703	1.74	1.85	3.80	4.02	1.78	1.85	0.54	1.53	1.56	0.98
	704	1.60	1.60	3.45	4.13	1.77	1.81	0.94	1.45	1.48	1.00
	705	1.78	1.74	3.77	4.04	1.80	1.82	0.64	1.28	1.49	1.02
	706	1.69	1.74	3.92	3.98	1.73	1.74	0.59	1.35	1.34	1.10
	707	1.82	1.78	3.92	3.75	1.69	1.80	0.60	1.58	1.55	0.97
	708	2.03	1.85	3.91	4.66	2.13	1.92	1.35	1.56	1.57	1.03
	709	1.84	1.98	4.27	4.28	1.76	1.98	0.95	1.57	1.50	0.91
	710	2.06	2.11	4.26	4.02	1.97	2.12	0.75	1.68	1.68	0.96
	M	1.85	1.84	3.90	4.04	1.85	1.91	0.79	1.52	1.55	0.98
	n	10	10	10	10	10	10	10	10	10	10
13	731	1.84	1.86	4.09	4.20	1.78	1.77	0.80	1.66	1.63	1.03
	732	1.95	1.86	4.88	4.02	1.72	2.06	0.69	1.32	1.28	1.00
	733	1.86	1.64	4.00	4.35	1.80	2.03	0.50	1.48	1.47	0.97
	734	1.94	1.85	4.21	4.25	1.97	1.92	0.79	1.37	1.39	0.91
	735	1.77	1.77	4.14	4.16	1.87	1.95	0.61	1.45	1.49	1.04
	736	1.85	1.83	4.22	3.92	2.03	2.07	0.63	1.38	1.37	0.97
	737	1.80	1.78	4.21	4.15	1.79	1.84	0.57	1.41	1.47	1.17
	738	N/A	2.02	4.33	4.11	1.86	2.06	0.75	1.57	1.52	0.91
	739	1.97	2.05	4.29	4.31	2.01	1.90	0.81	1.57	1.60	0.95
	740	1.90	1.91	4.13	4.59	1.96	1.86	0.81	1.46	1.53	1.00
	M	1.88	1.86	4.25	4.21	1.88	1.95	0.69	1.47	1.48	0.99
	n	9	10	10	10	10	10	10	10	10	10

- | | | |
|--|------------------------|-------------------------------|
| 1 Frontal cortex left | 2 Frontal cortex right | 3 Nucleus caudatus width left |
| 4 Nucleus caudatus width right | 5 Parietal cortex left | 6 Parietal cortex right |
| 7 Corpus callosum width | 8 Hippocampus left | 9 Hippocampus right |
| 10 Base of lobus vermis cerebelli No 8 | | |
- N/A No measurement possible (tear in section)

BASF

NEUROPATHOLOGY REPORT

IID 36/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

SINGLE ANIMAL SHEET

(GROSS LESIONS AND MICROSCOPIC FINDINGS)

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice	11
Sex	M
Group	10
Animal	601

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 30.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Thoracic cord
Degeneration, axonal, grade 1.
All other organs examined without microscopic findings.

Animal 602

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 30.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Thoracic cord
Degeneration, axonal, grade 1.
All other organs examined without microscopic findings.

Animal 603

General information

Sex	: Male
Group	: 10 (0 mg/kg)
Sacrifice	: F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status	: Planned sacrifice
Date of death	: 30.Jan.2018
	47 days after start of exposure
	1 day after end of exposure

BASF NEUROPATHOLOGY REPORT IID 37/102
90R0066/05R034
Modified extended one-generation reproduction toxicity study 04.Mar.2019 SIGR
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice I1
Sex M
Group 10
cont. Animal 603

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

----- Animal 604

General information
Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 31.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Trigeminal ganglia
Unilaterally investigated or present. No histopathologic findings noted.
All organs examined without pathologic findings.

----- Animal 605

General information
Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 31.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Distal tibial nerve (calf muscle branches)
Degeneration, (multi)focal, axonal, grade 1.
Thoracic cord
Degeneration, axonal, grade 1.
All other organs examined without microscopic findings.

BASF

NEUROPATHOLOGY REPORT

IID 38/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

SINGLE ANIMAL SHEET

(GROSS LESIONS AND MICROSCOPIC FINDINGS)

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice	11
Sex	M
Group	10
Animal	606

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 31.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Thoracic cord
Degeneration, axonal, grade 1.
All other organs examined without microscopic findings.

Animal 607

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 01.Feb.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Lumbar cord
Degeneration, axonal, grade 1.
Thoracic cord
Degeneration, axonal, grade 1.
All other organs examined without microscopic findings.

Animal 608

General information

Sex	: Male
Group	: 10 (0 mg/kg)
Sacrifice	: F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status	: Planned sacrifice
Date of death	: 01.Feb.2018
	47 days after start of exposure
	1 day after end of exposure

BASF

NEUROPATHOLOGY REPORT

IID 39/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

SINGLE ANIMAL SHEET

(GROSS LESIONS AND MICROSCOPIC FINDINGS)

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice 11

	M
Sex	

Group 10

cont. Animal 608

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal 609

General information

Sex : Male

Group : 10 (0 mg/kg)

Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)

Necropsy status : Planned sacrifice

Date of death : 01.Feb.2018

47 days after start of exposure

1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Distal tibial nerve (calf muscle branches)

Degeneration, (multi)focal, axonal, grade 1.

Thoracic cord

Degeneration, axonal, grade 1.

All other organs examined without microscopic findings.

Animal 610

General information

Sex : Male

Group : 10 (0 mg/kg)

Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)

Necropsy status : Planned sacrifice

Date of death : 02.Feb.2018

47 days after start of exposure

1 day after end of exposure

Macroscopic findings

Animal without particular findings.

BASF

NEUROPATHOLOGY REPORT

IID 40/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SGR

SINGLE ANIMAL SHEET

(GROSS LESIONS AND MICROSCOPIC FINDINGS)

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

-----	Sacrifice	I1
	Sex	M
	Group	10
	cont. Animal	610
.....		

Microscopic findings

All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

..... Sacrifice 11
Sex M
Group 11
Animal 611

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 30.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

..... Animal 612

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 30.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

..... Animal 613

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 30.Jan.2018
47 days after start of exposure
1 day after end of exposure

BASF NEUROPATHOLOGY REPORT IID 42/102
90R0066/05R034
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in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

..... Sacrifice I1
Sex M
Group 11
cont. Animal 613
.....

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

..... Animal 614
.....

General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 30.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

..... Animal 615
.....

General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 31.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

BASF NEUROPATHOLOGY REPORT IID 43/102
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SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

..... Sacrifice 11
Sex M
Group 11
Animal 616
.....

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 31.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

..... Animal 617
.....

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 31.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

..... Animal 618
.....

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 01.Feb.2018
47 days after start of exposure
1 day after end of exposure

BASF NEUROPATHOLOGY REPORT IID 44/102
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SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice I1
Sex M
Group 11
cont. Animal 618

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

----- Animal 619

General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 01.Feb.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

----- Animal 620

General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 01.Feb.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

BASF NEUROPATHOLOGY REPORT IID 45/102
90R0066/05R034
Modified extended one-generation reproduction toxicity study 04.Mar.2019 SIGR
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

..... Sacrifice I1
Sex M
Group 12
Animal 621

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 30.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

..... Animal 622

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 30.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

..... Animal 623

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 30.Jan.2018
47 days after start of exposure
1 day after end of exposure

BASF NEUROPATHOLOGY REPORT IID 46/102
90R0066/05R034
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in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

..... Sacrifice I1
Sex M
Group 12
cont. Animal 623
.....

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

..... Animal 624
.....

General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 31.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

..... Animal 625
.....

General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 31.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

BASF NEUROPATHOLOGY REPORT IID 47/102
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Modified extended one-generation reproduction toxicity study 04.Mar.2019 SIGR
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

..... Sacrifice I1
Sex M
Group 12
Animal 626
.....

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 31.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

..... Animal 627
.....

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 01.Feb.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

..... Animal 628
.....

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 01.Feb.2018
47 days after start of exposure
1 day after end of exposure

BASF NEUROPATHOLOGY REPORT IID 48/102
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SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

..... Sacrifice I1
Sex M
Group 12
cont. Animal 628
.....

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

..... Animal 629
.....

General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 01.Feb.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

..... Animal 630
.....

General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 02.Feb.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

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NEUROPATHOLOGY REPORT

IID 49/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

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SINGLE ANIMAL SHEET

(GROSS LESIONS AND MICROSCOPIC FINDINGS)

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice	11
Sex	M
Group	13
Animal	631

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 30.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Thoracic cord
Degeneration, axonal, grade 1.
All other organs examined without microscopic findings.

Animal 632

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 30.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal 633

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 31.Jan.2018
47 days after start of exposure
1 day after end of exposure

BASF NEUROPATHOLOGY REPORT IID 50/102
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Modified extended one-generation reproduction toxicity study 04.Mar.2019 SIGR
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SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

..... Sacrifice I1
Sex M
Group 13
cont. Animal 633
.....

Macroscopic findings
Animal without particular findings.

Microscopic findings
Thoracic cord
Degeneration, axonal, grade 1.
All other organs examined without microscopic findings.

..... Animal 634
.....

General information
Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 31.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 635
.....

General information
Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 31.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Thoracic cord
Degeneration, axonal, grade 1.
All other organs examined without microscopic findings.

BASF NEUROPATHOLOGY REPORT IID 51/102
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SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

..... Sacrifice I1
Sex M
Group 13
Animal 636
.....

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 01.Feb.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 637
.....

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 01.Feb.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Thoracic cord
Degeneration, axonal, grade 1.
All other organs examined without microscopic findings.

..... Animal 638
.....

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 01.Feb.2018
47 days after start of exposure
1 day after end of exposure

BASF NEUROPATHOLOGY REPORT IID 52/102
90R0066/05R034
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in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

..... Sacrifice I1
Sex M
Group 13
cont. Animal 638
.....

Macroscopic findings
Animal without particular findings.

Microscopic findings
Prox. sciatic nerve
Degeneration, (multi)focal, axonal, grade 1.
All other organs examined without microscopic findings.

..... Animal 639
.....

General information
Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 02.Feb.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings
Skin
Focus, in the neck region, diameter 5.0 mm, red, surface incrustated.
All other organs without macroscopic findings.

Microscopic findings
Skin
Gross lesion(s) evaluated histopathologically.
All organs examined without pathologic findings.

..... Animal 640
.....

General information
Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 02.Feb.2018
47 days after start of exposure
1 day after end of exposure

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NEUROPATHOLOGY REPORT

IID 53/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SGR

SINGLE ANIMAL SHEET

(GROSS LESIONS AND MICROSCOPIC FINDINGS)

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice	I1
Sex	M
Group	13
cont. Animal	640

.....

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice I1
Sex F
Group 10
Animal 701

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 30.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Thoracic cord
Degeneration, axonal, grade 1.
All other organs examined without microscopic findings.

Animal 702

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 30.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal 703

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 30.Jan.2018
47 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

	Sacrifice	11
	Sex	F
	Group	10
cont.	Animal	703

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal 704

General information

Sex	: Female
Group	: 10 (0 mg/kg)
Sacrifice	: F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status	: Planned sacrifice
Date of death	: 30.Jan.2018
	: 47 days after start of exposure
	: 1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal 705

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 31.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

BASF

NEUROPATHOLOGY REPORT

IID 56/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

SINGLE ANIMAL SHEET

(GROSS LESIONS AND MICROSCOPIC FINDINGS)

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice	11
Sex	F
Group	10
Animal	706

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 31.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal 707

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 31.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal 708

General information

Sex	: Female
Group	: 10 (0 mg/kg)
Sacrifice	: F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status	: Planned sacrifice
Date of death	: 01.Feb.2018
	47 days after start of exposure
	1 day after end of exposure

BASF NEUROPATHOLOGY REPORT IID 57/102
90R0066/05R034
Modified extended one-generation reproduction toxicity study 04.Mar.2019 SIGR
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

..... Sacrifice 11
Sex F
Group 10
cont. Animal 708
.....

Macroscopic findings
Animal without particular findings.

Microscopic findings
Thoracic cord
Degeneration, axonal, grade 1.
All other organs examined without microscopic findings.

..... Animal 709
.....

General information
Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 01.Feb.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 710
.....

General information
Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 02.Feb.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
Thoracic cord
Degeneration, axonal, grade 1.
All other organs examined without microscopic findings.

BASF

NEUROPATHOLOGY REPORT

IID 58/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

SINGLE ANIMAL SHEET

(GROSS LESIONS AND MICROSCOPIC FINDINGS)

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice	11
Sex	11
Group	11
Animal	711

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 30.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

Animal 712

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 30.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

Animal 713

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 30.Jan.2018
47 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

..... Sacrifice I1
Sex F
Group 11
cont. Animal 713
.....

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

..... Animal 714
.....

General information
Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 31.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

..... Animal 715
.....

General information
Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 31.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

BASF

NEUROPATHOLOGY REPORT

IID 60/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

SINGLE ANIMAL SHEET

(GROSS LESIONS AND MICROSCOPIC FINDINGS)

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice	11
Sex	F
Group	11
Animal	716

General information

Sex	: Female
Group	: 11 (20 mg/kg)
Sacrifice	: F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status	: Planned sacrifice
Date of death	: 31.Jan.2018
	47 days after start of exposure
	1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

Animal 717

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 01.Feb.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

Animal 718

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 01.Feb.2018
47 days after start of exposure
1 day after end of exposure

BASF NEUROPATHOLOGY REPORT IID 61/102
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SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

	Sacrifice	I1
	Sex	F
	Group	11
	cont. Animal	718

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

	Animal	719
--	--------	-----

General information
Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 01.Feb.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

	Animal	720
--	--------	-----

General information
Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 02.Feb.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

BASF NEUROPATHOLOGY REPORT IID 62/102
90R0066/05R034
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SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

..... Sacrifice I1
Sex F
Group 12
Animal 721

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 30.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

..... Animal 722

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 30.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

..... Animal 723

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 31.Jan.2018
47 days after start of exposure
1 day after end of exposure

BASF NEUROPATHOLOGY REPORT IID 63/102
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SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

..... Sacrifice I1
Sex F
Group 12
cont. Animal 723
.....

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

..... Animal 724
.....

General information
Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 31.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

..... Animal 725
.....

General information
Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 31.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

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NEUROPATHOLOGY REPORT

IID 64/102

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SINGLE ANIMAL SHEET

(GROSS LESIONS AND MICROSCOPIC FINDINGS)

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice	11
Sex	F
Group	12
Animal	726

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 01.Feb.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

Animal 727

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 01.Feb.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

Animal 728

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 01.Feb.2018
47 days after start of exposure
1 day after end of exposure

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SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice I1
Sex F
Group 12
cont. Animal 728

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

----- Animal 729 -----

General information
Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 02.Feb.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

----- Animal 730 -----

General information
Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 02.Feb.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

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SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

..... Sacrifice I1
Sex F
Group 13
Animal 731
.....

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 30.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 732
.....

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 30.Jan.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 733
.....

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 30.Jan.2018
47 days after start of exposure
1 day after end of exposure

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NEUROPATHOLOGY REPORT

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SINGLE ANIMAL SHEET

(GROSS LESIONS AND MICROSCOPIC FINDINGS)

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice 11

Sex	Female	Male
Age	18-24	18-24
Age	25-34	25-34
Age	35-44	35-44
Age	45-54	45-54
Age	55-64	55-64
Age	65-74	65-74
Age	75-84	75-84
Age	85-94	85-94
Age	95-104	95-104
Age	105-114	105-114
Age	115-124	115-124
Age	125-134	125-134
Age	135-144	135-144
Age	145-154	145-154
Age	155-164	155-164
Age	165-174	165-174
Age	175-184	175-184
Age	185-194	185-194
Age	195-204	195-204
Age	205-214	205-214
Age	215-224	215-224
Age	225-234	225-234
Age	235-244	235-244
Age	245-254	245-254
Age	255-264	255-264
Age	265-274	265-274
Age	275-284	275-284
Age	285-294	285-294
Age	295-304	295-304
Age	305-314	305-314
Age	315-324	315-324
Age	325-334	325-334
Age	335-344	335-344
Age	345-354	345-354
Age	355-364	355-364
Age	365-374	365-374
Age	375-384	375-384
Age	385-394	385-394
Age	395-404	395-404
Age	405-414	405-414
Age	415-424	415-424
Age	425-434	425-434
Age	435-444	435-444
Age	445-454	445-454
Age	455-464	455-464
Age	465-474	465-474
Age	475-484	475-484
Age	485-494	485-494
Age	495-504	495-504
Age	505-514	505-514
Age	515-524	515-524
Age	525-534	525-534
Age	535-544	535-544
Age	545-554	545-554
Age	555-564	555-564
Age	565-574	565-574
Age	575-584	575-584
Age	585-594	585-594
Age	595-604	595-604
Age	605-614	605-614
Age	615-624	615-624
Age	625-634	625-634
Age	635-644	635-644
Age	645-654	645-654
Age	655-664	655-664
Age	665-674	665-674
Age	675-684	675-684
Age	685-694	685-694
Age	695-704	695-704
Age	705-714	705-714
Age	715-724	715-724
Age	725-734	725-734
Age	735-744	735-744
Age	745-754	745-754
Age	755-764	755-764
Age	765-774	765-774
Age	775-784	775-784
Age	785-794	785-794
Age	795-804	795-804
Age	805-814	805-814
Age	815-824	815-824
Age	825-834	825-834
Age	835-844	835-844
Age	845-854	845-854
Age	855-864	855-864
Age	865-874	865-874
Age	875-884	875-884
Age	885-894	885-894
Age	895-904	895-904
Age	905-914	905-914
Age	915-924	915-924
Age	925-934	925-934
Age	935-944	935-944
Age	945-954	945-954
Age	955-964	955-964
Age	965-974	965-974
Age	975-984	975-984
Age	985-994	985-994
Age	995-1004	995-1004
Age	1005-1014	1005-1014
Age	1015-1024	1015-1024
Age	1025-1034	1025-1034

Group 13

cont. Animal 733

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal 734

General information

Sex : Female

Group : 13 (180 mg/kg)

Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)

Necropsy status : Planned sacrifice

Date of death : 31.Jan.2018

47 days after start of exposure

1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Distal tibial nerve (calf muscle branches)

Degeneration, (multi)focal, axonal, grade 1.

Prox. sciatic nerve

Degeneration, (multi)focal, axonal, grade 1.

All other organs examined without microscopic findings.

Animal 735

General information

Sex : Female

Group : 13 (180 mg/kg)

Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)

Necropsy status : Planned sacrifice

Date of death : 31.Jan.2018

47 days after start of exposure

1 day after end of exposure

Macroscopic findings

Animal without particular findings.

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NEUROPATHOLOGY REPORT

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90R0066/05R034

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04.Mar.2019 SIGR

SINGLE ANIMAL SHEET

(GROSS LESIONS AND MICROSCOPIC FINDINGS)

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice 11

Sex	Female	Male
Age	18-24	18-24
Age	25-34	25-34
Age	35-44	35-44
Age	45-54	45-54
Age	55-64	55-64
Age	65-74	65-74
Age	75-84	75-84
Age	85-94	85-94
Age	95-104	95-104
Age	105-114	105-114
Age	115-124	115-124
Age	125-134	125-134
Age	135-144	135-144
Age	145-154	145-154
Age	155-164	155-164
Age	165-174	165-174
Age	175-184	175-184
Age	185-194	185-194
Age	195-204	195-204
Age	205-214	205-214
Age	215-224	215-224
Age	225-234	225-234
Age	235-244	235-244
Age	245-254	245-254
Age	255-264	255-264
Age	265-274	265-274
Age	275-284	275-284
Age	285-294	285-294
Age	295-304	295-304
Age	305-314	305-314
Age	315-324	315-324
Age	325-334	325-334
Age	335-344	335-344
Age	345-354	345-354
Age	355-364	355-364
Age	365-374	365-374
Age	375-384	375-384
Age	385-394	385-394
Age	395-404	395-404
Age	405-414	405-414
Age	415-424	415-424
Age	425-434	425-434
Age	435-444	435-444
Age	445-454	445-454
Age	455-464	455-464
Age	465-474	465-474
Age	475-484	475-484
Age	485-494	485-494
Age	495-504	495-504
Age	505-514	505-514
Age	515-524	515-524
Age	525-534	525-534
Age	535-544	535-544
Age	545-554	545-554
Age	555-564	555-564
Age	565-574	565-574
Age	575-584	575-584
Age	585-594	585-594
Age	595-604	595-604
Age	605-614	605-614
Age	615-624	615-624
Age	625-634	625-634
Age	635-644	635-644
Age	645-654	645-654
Age	655-664	655-664
Age	665-674	665-674
Age	675-684	675-684
Age	685-694	685-694
Age	695-704	695-704
Age	705-714	705-714
Age	715-724	715-724
Age	725-734	725-734
Age	735-744	735-744
Age	745-754	745-754
Age	755-764	755-764
Age	765-774	765-774
Age	775-784	775-784
Age	785-794	785-794
Age	795-804	795-804
Age	805-814	805-814
Age	815-824	815-824
Age	825-834	825-834
Age	835-844	835-844
Age	845-854	845-854
Age	855-864	855-864
Age	865-874	865-874
Age	875-884	875-884
Age	885-894	885-894
Age	895-904	895-904
Age	905-914	905-914
Age	915-924	915-924
Age	925-934	925-934
Age	935-944	935-944
Age	945-954	945-954
Age	955-964	955-964
Age	965-974	965-974
Age	975-984	975-984
Age	985-994	985-994
Age	995-1004	995-1004
Age	1005-1014	1005-1014
Age	1015-1024	1015-1024
Age	1025-1034	1025-1034

Group 13

cont. Animal 735

Microscopic findings

All organs examined without pathologic findings.

Animal 736

General information

Sex : Female

Group : 13 (180 mg/kg)

Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)

Necropsy status : Planned sacrifice

Date of death : 31.Jan.2018

47 days after start of exposure

1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Thoracic cord

Degeneration, axonal, grade 1.

All other organs examined without microscopic findings.

Animal 737

General information

Sex : Female

Group : 13 (180 mg/kg)

Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)

Necropsy status : Planned sacrifice

Date of death : 01.Feb.2018

47 days after start of exposure

1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

Thoracic cord

Degeneration, axonal, grade 1.

All other organs examined without microscopic findings.

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SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

..... Sacrifice I1
Sex F
Group 13
Animal 738
.....

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 01.Feb.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 739
.....

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 01.Feb.2018
47 days after start of exposure
1 day after end of exposure

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

..... Animal 740
.....

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2A (Neurotoxicity PND 75-90)
Necropsy status : Planned sacrifice
Date of death : 02.Feb.2018
47 days after start of exposure
1 day after end of exposure

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NEUROPATHOLOGY REPORT

IID 70/102

90R0066/05R034

Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SGR

SINGLE ANIMAL SHEET

(GROSS LESIONS AND MICROSCOPIC FINDINGS)

F1 GENERATION, REARING ANIMALS, COHORT 2A (ADULTS)

Sacrifice	I1
Sex	F
Group	13
cont. Animal	740

.....

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

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90R0066/05R034
Modified extended one-generation reproduction toxicity study 04.Mar.2019 SIGR
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

	Sacrifice	12
	Sex	M
	Group	10
	Animal	801

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.
Mandibular lymph nodes
* Tissue preserved in cassette.

Microscopic findings

All organs examined without pathologic findings.

Animal	802
--------	-----

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal	803
--------	-----

General information

Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

BASF NEUROPATHOLOGY REPORT IID 72/102
90R0066/05R034
Modified extended one-generation reproduction toxicity study 04.Mar.2019 SIGR
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

..... Sacrifice 12
Sex M
Group 10
cont. Animal 803
.....

Microscopic findings
All organs examined without pathologic findings.

..... Animal 804
.....

General information
Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 805
.....

General information
Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 806
.....

General information
Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

BASF NEUROPATHOLOGY REPORT IID 73/102
90R0066/05R034
Modified extended one-generation reproduction toxicity study 04.Mar.2019 SIGR
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

..... Sacrifice 12
Sex M
Group 10
cont. Animal 806
.....

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 807
.....

General information
Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 808
.....

General information
Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 809
.....

General information
Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

BASF NEUROPATHOLOGY REPORT IID 74/102
90R0066/05R034
Modified extended one-generation reproduction toxicity study 04.Mar.2019 SIGR
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

	Sacrifice	I2
	Sex	M
	Group	10
	cont. Animal	809

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

	Animal	810
--	--------	-----

General information
Sex : Male
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 09.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

BASF NEUROPATHOLOGY REPORT IID 75/102
90R0066/05R034
Modified extended one-generation reproduction toxicity study 04.Mar.2019 SIGR
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

	Sacrifice	12
	Sex	M
	Group	11
	Animal	811

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

	Animal	812
--	--------	-----

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

	Animal	813
--	--------	-----

General information

Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

BASF NEUROPATHOLOGY REPORT IID 76/102
90R0066/05R034
Modified extended one-generation reproduction toxicity study 04.Mar.2019 SIGR
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

..... Sacrifice 12
Sex M
Group 11
cont. Animal 813
.....

Microscopic findings
No histologic examination performed.

..... Animal 814
.....

General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

..... Animal 815
.....

General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

..... Animal 816
.....

General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

BASF NEUROPATHOLOGY REPORT IID 77/102
90R0066/05R034
Modified extended one-generation reproduction toxicity study 04.Mar.2019 SIGR
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

..... Sacrifice 12
Sex M
Group 11
cont. Animal 816
.....

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

..... Animal 817
.....

General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

..... Animal 818
.....

General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

..... Animal 819
.....

General information
Sex : Male
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

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SINGLE ANIMAL SHEET

(GROSS LESIONS AND MICROSCOPIC FINDINGS)

F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice

12

Sex

M

Group

11

cont. Animal

819

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

Animal

820

General information

Sex : Male

Group : 11 (20 mg/kg)

Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)

Necropsy status : Planned sacrifice

Date of death : 09.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

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SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

	Sacrifice	12
	Sex	M
	Group	12
	Animal	821

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

	Animal	822
--	--------	-----

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

	Animal	823
--	--------	-----

General information

Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings

Animal without particular findings.

BASF NEUROPATHOLOGY REPORT IID 80/102
90R0066/05R034
Modified extended one-generation reproduction toxicity study 04.Mar.2019 SIGR
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

..... Sacrifice 12
Sex M
Group 12
cont. Animal 823
.....

Microscopic findings
No histologic examination performed.

..... Animal 824
.....

General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

..... Animal 825
.....

General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

..... Animal 826
.....

General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

BASF NEUROPATHOLOGY REPORT IID 81/102
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SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

..... Sacrifice 12
Sex M
Group 12
cont. Animal 826
.....

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

..... Animal 827
.....

General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

..... Animal 828
.....

General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

..... Animal 829
.....

General information
Sex : Male
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 09.Dec.2017

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NEUROPATHOLOGY REPORT

IID 82/102

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Modified extended one-generation reproduction toxicity study
in Sprague-Dawley Rats, Oral Administration (gavage)

04.Mar.2019 SIGR

SINGLE ANIMAL SHEET

(GROSS LESIONS AND MICROSCOPIC FINDINGS)

F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice 12

Sex	M	F
Age	20.0	20.0
Height	170.0	160.0
Weight	70.0	60.0
Heart rate	70.0	70.0
Respiratory rate	12.0	12.0
Temperature	36.5	36.5
Blood pressure	120/80	120/80
Saturation	98.0	98.0
Glucose	100.0	100.0
Cholesterol	200.0	200.0
Blood sugar	100.0	100.0
Blood pH	7.35	7.35
Blood calcium	10.0	10.0
Blood potassium	4.0	4.0
Blood sodium	140.0	140.0
Blood chloride	100.0	100.0
Blood urea	10.0	10.0
Blood creatinine	1.0	1.0
Blood hemoglobin	15.0	15.0
Blood hematocrit	45.0	45.0
Blood platelets	150.0	150.0
Blood white cells	10.0	10.0
Blood neutrophils	60.0	60.0
Blood lymphocytes	30.0	30.0
Blood monocytes	10.0	10.0
Blood eosinophils	5.0	5.0
Blood basophils	5.0	5.0
Blood ferritin	100.0	100.0
Blood transferrin	100.0	100.0
Blood albumin	4.0	4.0
Blood globulin	3.0	3.0
Blood total protein	7.0	7.0
Blood bilirubin	1.0	1.0
Blood creatinine kinase	100.0	100.0
Blood aspartate aminotransferase	10.0	10.0
Blood alanine aminotransferase	10.0	10.0
Blood lactate dehydrogenase	100.0	100.0
Blood gamma glutamyl transaminase	10.0	10.0
Blood alkaline phosphatase	100.0	100.0
Blood uric acid	5.0	5.0
Blood triglycerides	100.0	100.0
Blood total cholesterol	200.0	200.0
Blood HDL cholesterol	50.0	50.0
Blood LDL cholesterol	130.0	130.0
Blood VLDL cholesterol	20.0	20.0
Blood apolipoprotein A	1.0	1.0
Blood apolipoprotein B	1.0	1.0
Blood apolipoprotein C	1.0	1.0
Blood apolipoprotein E	1.0	1.0
Blood apolipoprotein A2	1.0	1.0
Blood apolipoprotein A3	1.0	1.0
Blood apolipoprotein A4	1.0	1.0
Blood apolipoprotein A5	1.0	1.0
Blood apolipoprotein A6	1.0	1.0
Blood apolipoprotein A7	1.0	1.0
Blood apolipoprotein A8	1.0	1.0
Blood apolipoprotein A9	1.0	1.0
Blood apolipoprotein A10	1.0	1.0
Blood apolipoprotein A11	1.0	1.0
Blood apolipoprotein A12	1.0	1.0
Blood apolipoprotein A13	1.0	1.0
Blood apolipoprotein A14	1.0	1.0
Blood apolipoprotein A15	1.0	1.0
Blood apolipoprotein A16	1.0	1.0
Blood apolipoprotein A17	1.0	1.0
Blood apolipoprotein A18	1.0	1.0
Blood apolipoprotein A19	1.0	1.0
Blood apolipoprotein A20	1.0	1.0
Blood apolipoprotein A21	1.0	1.0
Blood apolipoprotein A22	1.0	1.0
Blood apolipoprotein A23	1.0	1.0
Blood apolipoprotein A24	1.0	1.0
Blood apolipoprotein A25	1.0	1.0
Blood apolipoprotein A26	1.0	1.0
Blood apolipoprotein A27	1.0	1.0
Blood apolipoprotein A28	1.0	1.0
Blood apolipoprotein A29	1.0	1.0
Blood apolipoprotein A30	1.0	1.0
Blood apolipoprotein A31	1.0	1.0
Blood apolipoprotein A32	1.0	1.0
Blood apolipoprotein A33	1.0	1.0
Blood apolipoprotein A34	1.0	1.0
Blood apolipoprotein A35	1.0	1.0
Blood apolipoprotein A36	1.0	1.0
Blood apolipoprotein A37	1.0	1.0
Blood apolipoprotein A38	1.0	1.0
Blood apolipoprotein A39	1.0	1.0
Blood apolipoprotein A40	1.0	1.0
Blood apolipoprotein A41	1.0	1.0
Blood apolipoprotein A42	1.0	1.0
Blood apolipoprotein A43	1.0	1.0
Blood apolipoprotein A44	1.0	1.0
Blood apolipoprotein A45	1.0	1.0
Blood apolipoprotein A46	1.0	1.0
Blood apolipoprotein A47	1.0	1.0
Blood apolipoprotein A48	1.0	1.0
Blood apolipoprotein A49	1.0	1.0
Blood apolipoprotein A50	1.0	1.0
Blood apolipoprotein A51	1.0	1.0
Blood apolipoprotein A52	1.0	1.0
Blood apolipoprotein A53	1.0	1.0
Blood apolipoprotein A54	1.0	1.0
Blood apolipoprotein A55	1.0	1.0
Blood apolipoprotein A56	1.0	1.0
Blood apolipoprotein A57	1.0	1.0
Blood apolipoprotein A58	1.0	1.0
Blood apolipoprotein A59	1.0	1.0

Group 12

cont. Animal 829

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

Animal 830

General information

Sex : Male

Group : 12 (60 mg/kg)

Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)

Necropsy status : Planned sacrifice

Date of death : 09.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

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SINGLE ANIMAL SHEET

(GROSS LESIONS AND MICROSCOPIC FINDINGS)

F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice	12
Sex	M
Group	13
Animal	831

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal 832

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal 833

General information

Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

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Modified extended one-generation reproduction toxicity study 04.Mar.2019 SIGR
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

..... Sacrifice 12
Sex M
Group 13
cont. Animal 833
.....

Microscopic findings
All organs examined without pathologic findings.

..... Animal 834
.....

General information
Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 835
.....

General information
Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 836
.....

General information
Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

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SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

..... Sacrifice 12
Sex M
Group 13
cont. Animal 836
.....

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 837
.....

General information
Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
Pons with cerebellum
No or insufficient tissue present on slide.
All organs examined without pathologic findings.

..... Animal 838
.....

General information
Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 839
.....

General information
Sex : Male
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

BASF

NEUROPATHOLOGY REPORT

IID 86/102

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SINGLE ANIMAL SHEET

(GROSS LESIONS AND MICROSCOPIC FINDINGS)

F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice

12

Sex

M

Group

13

cont. Animal

839

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal

840

General information

Sex : Male

Group : 13 (180 mg/kg)

Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)

Necropsy status : Planned sacrifice

Date of death : 09.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

BASF	NEUROPATHOLOGY REPORT	IID	87/102
			90R0066/05R034
Modified extended one-generation reproduction toxicity study in Sprague-Dawley Rats, Oral Administration (gavage)		04.Mar.2019	SIGR

SINGLE ANIMAL SHEET

(GROSS LESIONS AND MICROSCOPIC FINDINGS)

F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice	12
Sex	F
Group	10
Animal	901

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal 902

General information

Sex	: Female
Group	: 10 (0 mg/kg)
Sacrifice	: F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status	: Planned sacrifice
Date of death	: 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal 903

General information

Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

BASF NEUROPATHOLOGY REPORT IID 88/102
90R0066/05R034
Modified extended one-generation reproduction toxicity study 04.Mar.2019 SIGR
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

..... Sacrifice 12
Sex F
Group 10
cont. Animal 903
.....

Microscopic findings
All organs examined without pathologic findings.

..... Animal 904
.....

General information
Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 905
.....

General information
Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 906
.....

General information
Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

BASF NEUROPATHOLOGY REPORT IID 89/102
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Modified extended one-generation reproduction toxicity study 04.Mar.2019 SIGR
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice 12
Sex F
Group 10
cont. Animal 906

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

----- Animal 907

General information
Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

----- Animal 908

General information
Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

----- Animal 909

General information
Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

BASF NEUROPATHOLOGY REPORT IID 90/102
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in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

	Sacrifice	I2
	Sex	F
	Group	10
	cont. Animal	909

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

	Animal	910
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General information
Sex : Female
Group : 10 (0 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 09.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

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SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

	Sacrifice	12
	Sex	F
	Group	11
	Animal	911

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

	Animal	912
--	--------	-----

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

	Animal	913
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General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

BASF NEUROPATHOLOGY REPORT IID 92/102
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SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice 12
Sex F
Group 11
cont. Animal 913

Microscopic findings
No histologic examination performed.

Animal 914

General information
Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

Animal 915

General information
Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

Animal 916

General information
Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

BASF	NEUROPATHOLOGY REPORT	IID	93/102
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SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

	Sacrifice	12
	Sex	F
	Group	11
cont.	Animal	916

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

Animal 917

General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

Animal	918
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General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

Animal	919
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General information

Sex : Female
Group : 11 (20 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

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SINGLE ANIMAL SHEET

(GROSS LESIONS AND MICROSCOPIC FINDINGS)

F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice

12

Sex

F

Group

11

cont. Animal

919

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

Animal

920

General information

Sex : Female

Group : 11 (20 mg/kg)

Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)

Necropsy status : Planned sacrifice

Date of death : 08.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

BASF NEUROPATHOLOGY REPORT IID 95/102
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in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

	Sacrifice	12
	Sex	F
	Group	12
	Animal	921

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

	Animal	922
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General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.
Mandibular lymph nodes
* Tissue preserved in cassette.

Microscopic findings

No histologic examination performed.

	Animal	923
--	--------	-----

General information

Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

BASF NEUROPATHOLOGY REPORT IID 96/102
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SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice 12
Sex F
Group 12
cont. Animal 923

Microscopic findings
No histologic examination performed.

Animal 924

General information
Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

Animal 925

General information
Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

Animal 926

General information
Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

BASF NEUROPATHOLOGY REPORT IID 97/102
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SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

..... Sacrifice 12
Sex F
Group 12
cont. Animal 926
.....

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

..... Animal 927
.....

General information
Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

..... Animal 928
.....

General information
Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
No histologic examination performed.

..... Animal 929
.....

General information
Sex : Female
Group : 12 (60 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

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NEUROPATHOLOGY REPORT

IID 98/102

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SINGLE ANIMAL SHEET

(GROSS LESIONS AND MICROSCOPIC FINDINGS)

F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice 12

Sex	Female	Male
Age	18-24	18-24
Age	25-34	25-34
Age	35-44	35-44
Age	45-54	45-54
Age	55-64	55-64
Age	65-74	65-74
Age	75-84	75-84
Age	85-94	85-94
Age	95-104	95-104
Age	105-114	105-114
Age	115-124	115-124
Age	125-134	125-134
Age	135-144	135-144
Age	145-154	145-154
Age	155-164	155-164
Age	165-174	165-174
Age	175-184	175-184
Age	185-194	185-194
Age	195-204	195-204
Age	205-214	205-214
Age	215-224	215-224
Age	225-234	225-234
Age	235-244	235-244
Age	245-254	245-254
Age	255-264	255-264
Age	265-274	265-274
Age	275-284	275-284
Age	285-294	285-294
Age	295-304	295-304
Age	305-314	305-314
Age	315-324	315-324
Age	325-334	325-334
Age	335-344	335-344
Age	345-354	345-354
Age	355-364	355-364
Age	365-374	365-374
Age	375-384	375-384
Age	385-394	385-394
Age	395-404	395-404
Age	405-414	405-414
Age	415-424	415-424
Age	425-434	425-434
Age	435-444	435-444
Age	445-454	445-454
Age	455-464	455-464
Age	465-474	465-474
Age	475-484	475-484
Age	485-494	485-494
Age	495-504	495-504
Age	505-514	505-514
Age	515-524	515-524
Age	525-534	525-534
Age	535-544	535-544
Age	545-554	545-554
Age	555-564	555-564
Age	565-574	565-574
Age	575-584	575-584
Age	585-594	585-594
Age	595-604	595-604
Age	605-614	605-614
Age	615-624	615-624
Age	625-634	625-634
Age	635-644	635-644
Age	645-654	645-654
Age	655-664	655-664
Age	665-674	665-674
Age	675-684	675-684
Age	685-694	685-694
Age	695-704	695-704
Age	705-714	705-714
Age	715-724	715-724
Age	725-734	725-734
Age	735-744	735-744
Age	745-754	745-754
Age	755-764	755-764
Age	765-774	765-774
Age	775-784	775-784
Age	785-794	785-794
Age	795-804	795-804
Age	805-814	805-814
Age	815-824	815-824
Age	825-834	825-834
Age	835-844	835-844
Age	845-854	845-854
Age	855-864	855-864
Age	865-874	865-874
Age	875-884	875-884
Age	885-894	885-894
Age	895-904	895-904
Age	905-914	905-914
Age	915-924	915-924
Age	925-934	925-934
Age	935-944	935-944
Age	945-954	945-954
Age	955-964	955-964
Age	965-974	965-974
Age	975-984	975-984
Age	985-994	985-994
Age	995-1004	995-1004
Age	1005-1014	1005-1014
Age	1015-1024	1015-1024
Age	1025-1034	1025-1034

Group 12

cont. Animal 929

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

Animal 930

General information

Sex : Female

Group : 12 (60 mg/kg)

Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)

Necropsy status : Planned sacrifice

Date of death : 09.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

No histologic examination performed.

BASF NEUROPATHOLOGY REPORT IID 99/102
90R0066/05R034
Modified extended one-generation reproduction toxicity study 04.Mar.2019 SIGR
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

	Sacrifice	12
	Sex	F
	Group	13
	Animal	931

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

	Animal	932
--	--------	-----

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 06.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

	Animal	933
--	--------	-----

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings

Animal without particular findings.

BASF NEUROPATHOLOGY REPORT IID 100/102
90R0066/05R034
Modified extended one-generation reproduction toxicity study 04.Mar.2019 SIGR
in Sprague-Dawley Rats, Oral Administration (gavage)

SINGLE ANIMAL SHEET
(GROSS LESIONS AND MICROSCOPIC FINDINGS)
F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

..... Sacrifice 12
Sex F
Group 13
cont. Animal 933
.....

Microscopic findings
All organs examined without pathologic findings.

..... Animal 934
.....

General information
Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 935
.....

General information
Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 07.Dec.2017

Macroscopic findings
Animal without particular findings.

Microscopic findings
All organs examined without pathologic findings.

..... Animal 936
.....

General information
Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

BASF	NEUROPATHOLOGY REPORT	IID	101/102
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SINGLE ANIMAL SHEET

(GROSS LESIONS AND MICROSCOPIC FINDINGS)

F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

	Sacrifice	12
	Sex	F
	Group	13
cont.	Animal	936

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal 937

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal	938
--------	-----

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 08.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal	939
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General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 09.Dec.2017

(GROSS LESIONS AND MICROSCOPIC FINDINGS)

F1 GENERATION, REARING ANIMALS, COHORT 2B (WEANLINGS)

Sacrifice	12
Sex	F
Group	13
Animal	939

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.

Animal 940

General information

Sex : Female
Group : 13 (180 mg/kg)
Sacrifice : F1 cohort 2B (Neurotoxicity PND 22)
Necropsy status : Planned sacrifice
Date of death : 09.Dec.2017

Macroscopic findings

Animal without particular findings.

Microscopic findings

All organs examined without pathologic findings.