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TRADE SECRET*Study Title*

H-24768: Subchronic Toxicity
90-Day Gavage Study in Rats
with One-Generation Reproduction Evaluations

Volume 3 of 5

Laboratory Project ID: DuPont-5990

TEST GUIDELINES: U.S. EPA Health Effects Test Guidelines
OPPTS 870.3100 (1998)

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APPENDIX G

INDIVIDUAL FORELIMB AND HINDLIMB GRIP STRENGTH ASSESSMENTS

INDIVIDUAL FORELIMB AND HINDLIMB GRIP STRENGTH ASSESSMENTS FOR MALE RATS

BASELINE

Animal Number	FORELIMB GRIP STRENGTH (kg)				HINDLIMB GRIP STRENGTH (kg)			
	Trial 1	Trial 2	Trial 3	Mean of Trials	Trial 1	Trial 2	Trial 3	Mean of Trials
Group I: 0 mg/kg/day								
646371	0.47	0.55	0.44	0.49	0.40	0.41	0.33	0.38
646398	0.48	0.37	0.41	0.42	0.22	0.32	0.23	0.26
646411	0.50	0.50	0.72	0.57	0.37	0.41	0.31	0.36
646416	0.54	0.42	0.59	0.52	0.39	0.24	0.41	0.35
646432	0.63	0.69	0.68	0.67	0.42	0.37	0.30	0.36
646446	0.47	0.60	0.51	0.53	0.25	0.29	0.25	0.26
646459	0.76	0.56	0.31	0.54	0.29	0.33	0.32	0.31
646460	0.63	0.54	0.47	0.55	0.52	0.41	0.36	0.43
646487	0.25	0.36	0.47	0.36	0.36	0.30	0.38	0.35
646494	0.59	0.61	0.66	0.62	0.26	0.22	0.26	0.25
Group III: 25 mg/kg/day								
646370	0.64	0.49	0.57	0.57	0.26	0.34	0.53	0.38
646399	0.59	0.46	0.51	0.52	0.36	0.31	0.29	0.32
646414	0.48	0.76	0.55	0.60	0.36	0.38	0.38	0.37
646421	0.65	0.55	0.87	0.69	0.32	0.42	0.42	0.39
646423	0.29	0.53	0.58	0.47	0.30	0.22	0.31	0.28
646426	0.56	0.53	0.40	0.50	0.22	0.28	0.24	0.25
646443	0.57	0.66	0.57	0.60	0.39	0.39	0.29	0.36
646454	0.53	0.49	0.42	0.48	0.31	0.36	0.37	0.35
646458	0.47	0.56	0.62	0.55	0.35	0.30	0.33	0.33
646471	0.50	0.52	0.50	0.51	0.28	0.20	0.32	0.27
Group V: 100 mg/kg/day								
646349	0.35	0.38	0.51	0.41	0.32	0.27	0.29	0.29
646373	0.52	0.61	0.50	0.54	0.23	0.21	0.27	0.24
646385	0.56	0.51	0.37	0.48	0.33	0.30	0.32	0.32
646435	0.48	0.60	0.70	0.59	0.41	0.34	0.22	0.32
646455	0.62	0.61	0.61	0.61	0.32	0.47	0.31	0.37
646456	0.51	0.65	0.48	0.55	0.31	0.41	0.25	0.32
646463	0.28	0.35	0.28	0.30	0.18	0.17	0.22	0.19
646469	0.42	0.56	0.57	0.52	0.44	0.36	0.32	0.37
646472	0.53	0.65	0.60	0.59	0.30	0.30	0.26	0.29
646488	0.60	0.52	0.62	0.58	0.25	0.30	0.34	0.30

INDIVIDUAL FORELIMB AND HINDLIMB GRIP STRENGTH ASSESSMENTS FOR MALE RATS

BASELINE

Animal Number	<u>FORELIMB GRIP STRENGTH (kg)</u>				<u>HINDLIMB GRIP STRENGTH (kg)</u>			
	Trial 1	Trial 2	Trial 3	Mean of Trials	Trial 1	Trial 2	Trial 3	Mean of Trials
Group VII: 500 mg/kg/day								
646337	0.32	0.35	0.62	0.43	0.21	0.41	0.22	0.28
646364	0.64	0.63	0.56	0.61	0.25	0.30	0.32	0.29
646369	0.58	0.63	0.46	0.56	0.38	0.46	0.36	0.40
646372	0.76	0.75	0.51	0.67	0.27	0.37	0.37	0.34
646384	0.42	0.61	0.64	0.56	0.24	0.35	0.28	0.29
646397	0.61	0.53	0.58	0.57	0.41	0.36	0.32	0.36
646428	0.54	0.55	0.56	0.55	0.30	0.27	0.23	0.27
646448	0.58	0.66	0.54	0.59	0.26	0.26	0.29	0.27
646474	0.32	0.41	0.44	0.39	0.27	0.33	0.34	0.31
646484	0.24	0.38	0.65	0.42	0.34	0.33	0.30	0.32

INDIVIDUAL FORELIMB AND HINDLIMB GRIP STRENGTH ASSESSMENTS FOR MALE RATS

WEEK 13

Animal Number	FORELIMB GRIP STRENGTH (kg)				HINDLIMB GRIP STRENGTH (kg)			
	Trial 1	Trial 2	Trial 3	Mean of Trials	Trial 1	Trial 2	Trial 3	Mean of Trials
Group I: 0 mg/kg/day								
646371	1.63	1.67	1.74	1.68	0.75	0.93	0.79	0.82
646398	1.06	1.16	1.11	1.11	0.73	0.83	0.78	0.78
646411	2.03	2.29	2.03	2.12	0.63	0.81	1.25	0.90
646416	1.36	1.26	1.46	1.36	0.58	0.63	0.75	0.65
646432	1.50	1.23	1.20	1.31	0.86	0.85	0.89	0.87
646446	1.33	1.41	1.39	1.38	0.83	0.68	0.76	0.76
646459	1.60	1.03	1.48	1.37	0.79	0.98	0.81	0.86
646460	1.87	1.78	1.96	1.87	0.82	1.09	1.09	1.00
646487	1.43	1.90	1.34	1.56	0.88	1.03	0.94	0.95
646494	1.58	1.49	1.46	1.51	0.90	1.02	0.81	0.91
Group III: 25 mg/kg/day								
646370	1.87	1.16	1.35	1.46	0.53	0.72	0.81	0.69
646399	1.73	1.43	1.99	1.72	0.51	0.63	0.81	0.65
646414	1.41	2.06	1.70	1.72	0.76	0.66	0.64	0.69
646421	1.64	0.95	1.30	1.30	0.51	0.54	0.70	0.58
646423	1.25	1.41	1.78	1.48	0.84	0.75	0.78	0.79
646426	1.49	1.34	1.20	1.34	0.73	0.68	0.74	0.72
646443	1.07	0.92	1.38	1.12	0.88	0.70	0.87	0.82
646454	1.56	1.23	1.27	1.35	0.71	0.87	0.65	0.74
646458	1.36	1.20	0.98	1.18	0.99	1.07	0.85	0.97
646471	1.14	0.82	0.97	0.98	0.55	0.80	0.96	0.77
Group V: 100 mg/kg/day								
646349	1.23	1.72	1.43	1.46	0.54	0.37	0.52	0.48
646373	1.53	1.75	1.30	1.53	0.84	0.87	0.88	0.86
646385	1.49	1.04	1.42	1.32	0.53	1.00	0.80	0.78
646435	1.18	1.89	0.77	1.28	0.92	0.92	0.82	0.89
646455	1.44	1.08	0.70	1.07	0.69	0.76	0.60	0.68
646456	1.68	1.88	1.82	1.79	0.81	0.92	1.04	0.92
646463	1.01	1.13	1.31	1.15	0.51	0.66	0.61	0.59
646469	1.83	1.58	1.70	1.70	0.81	0.86	0.86	0.84
646472	1.25	0.83	0.97	1.02	0.52	0.57	0.67	0.59
646488	0.87	0.81	1.24	0.97	0.76	0.86	0.81	0.81

INDIVIDUAL FORELIMB AND HINDLIMB GRIP STRENGTH ASSESSMENTS FOR MALE RATS

WEEK 13

Animal Number	FORELIMB GRIP STRENGTH (kg)				HINDLIMB GRIP STRENGTH (kg)			
	Trial 1	Trial 2	Trial 3	Mean of Trials	Trial 1	Trial 2	Trial 3	Mean of Trials
Group VII: 500 mg/kg/day								
646337	0.71	1.40	1.45	1.19	0.61	0.66	0.61	0.63
646364	1.35	1.35	0.90	1.20	0.49	0.55	0.74	0.59
646369	0.38	0.35	0.47	0.40	0.56	0.58	0.54	0.56
646372	0.72	1.38	1.52	1.21	0.72	0.72	0.70	0.71
646384	1.55	1.00	0.87	1.14	0.81	0.71	0.54	0.69
646397	0.90	1.57	1.67	1.38	0.91	1.09	0.90	0.97
646428	1.65	2.07	1.40	1.71	0.63	0.51	0.50	0.55
646448	1.26	1.05	0.96	1.09	0.78	0.77	0.64	0.73
646474	0.97	0.90	1.28	1.05	0.56	0.76	0.78	0.70
646484	1.29	1.14	0.96	1.13	0.88	0.82	0.89	0.86

INDIVIDUAL FORELIMB AND HINDLIMB GRIP STRENGTH ASSESSMENTS FOR MALE RATS

RECOVERY

Animal Number	FORELIMB GRIP STRENGTH (kg)				HINDLIMB GRIP STRENGTH (kg)			
	Trial 1	Trial 2	Trial 3	Mean of Trials	Trial 1	Trial 2	Trial 3	Mean of Trials
Group I: 0 mg/kg/day								
646371	0.86	0.89	1.26	1.00	0.61	0.85	0.64	0.70
646398	1.70	1.40	1.27	1.46	0.69	0.67	0.88	0.75
646411	2.30	2.15	2.21	2.22	1.06	1.30	0.98	1.11
646416	1.28	1.21	1.25	1.25	0.74	0.98	0.80	0.84
646432	1.79	1.46	1.00	1.42	0.82	0.56	0.71	0.70
646446	1.17	1.58	1.40	1.38	0.67	0.68	0.65	0.67
646459	1.04	1.56	1.16	1.25	0.78	0.76	0.92	0.82
646460	1.97	1.58	1.54	1.70	1.07	0.86	0.90	0.94
646487	1.51	1.41	0.74	1.22	0.87	0.87	0.81	0.85
646494	1.71	1.06	1.14	1.30	0.83	0.75	0.84	0.81
Group VII: 500 mg/kg/day								
646337	1.42	1.58	1.62	1.54	0.50	0.61	0.61	0.57
646364	1.29	1.13	0.98	1.13	0.87	0.65	0.56	0.69
646369	0.51	0.49	0.41	0.47	0.58	0.83	0.84	0.75
646372	1.81	1.68	1.68	1.72	0.64	0.84	0.84	0.77
646384	1.14	1.09	1.39	1.21	0.66	0.56	0.85	0.69
646397	1.89	1.67	1.65	1.74	0.52	0.73	0.69	0.65
646428	1.55	1.38	1.07	1.33	0.81	0.57	0.66	0.68
646448	1.28	1.51	1.34	1.38	0.78	1.00	0.99	0.92
646474	0.66	1.14	0.94	0.91	0.53	0.66	0.72	0.64
646484	1.26	1.89	1.04	1.40	0.61	0.72	0.52	0.62

INDIVIDUAL FORELIMB AND HINDLIMB GRIP STRENGTH ASSESSMENTS
FOR FEMALE RATS

BASELINE

Animal Number	FORELIMB GRIP STRENGTH (kg)				HINDLIMB GRIP STRENGTH (kg)			
	Trial 1	Trial 2	Trial 3	Mean of Trials	Trial 1	Trial 2	Trial 3	Mean of Trials
Group II: 0 mg/kg/day								
646511	0.47	0.76	0.76	0.66	0.33	0.34	0.51	0.39
646549	0.47	0.67	0.57	0.57	0.36	0.35	0.36	0.36
646551	0.58	0.72	0.67	0.66	0.42	0.42	0.33	0.39
646565	0.28	0.53	0.68	0.50	0.32	0.46	0.45	0.41
646580	0.59	0.42	0.43	0.48	0.30	0.38	0.31	0.33
646581	0.25	0.34	0.41	0.33	0.26	0.24	0.25	0.25
646586	0.35	0.45	0.45	0.42	0.23	0.24	0.23	0.23
646613	0.46	0.58	0.73	0.59	0.34	0.20	0.31	0.28
646627	0.52	0.51	0.59	0.54	0.26	0.50	0.26	0.34
646652	0.47	0.37	0.41	0.42	0.32	0.25	0.29	0.29
Group IV: 25 mg/kg/day								
646502	0.52	0.58	0.62	0.57	0.24	0.27	0.31	0.27
646522	0.24	0.47	0.33	0.35	0.32	0.31	0.48	0.37
646567	0.50	0.64	0.67	0.60	0.32	0.33	0.27	0.31
646576	0.58	0.60	0.64	0.61	0.31	0.22	0.28	0.27
646595	0.48	0.56	0.36	0.47	0.31	0.38	0.24	0.31
646621	0.46	0.59	0.68	0.58	0.41	0.31	0.37	0.36
646635	0.49	0.68	0.80	0.66	0.22	0.34	0.28	0.28
646660	0.25	0.60	0.34	0.40	0.38	0.32	0.31	0.34
646664	0.58	0.45	0.43	0.49	0.27	0.34	0.31	0.31
646673	0.67	0.69	0.76	0.71	0.54	0.50	0.50	0.51
Group VI: 100 mg/kg/day								
646501	0.56	0.58	0.58	0.57	0.32	0.39	0.32	0.34
646505	0.54	0.64	0.81	0.66	0.47	0.50	0.28	0.42
646510	0.44	0.53	0.46	0.48	0.31	0.35	0.36	0.34
646534	0.50	0.82	0.85	0.72	0.35	0.41	0.34	0.37
646556	0.56	0.55	0.53	0.55	0.38	0.37	0.38	0.38
646578	0.57	0.52	0.54	0.54	0.20	0.33	0.21	0.25
646608	0.47	0.54	0.61	0.54	0.33	0.20	0.27	0.27
646624	0.39	0.54	0.38	0.44	0.22	0.20	0.32	0.25
646629	0.61	0.40	0.64	0.55	0.21	0.35	0.21	0.26
646633	0.55	0.62	0.58	0.58	0.37	0.25	0.31	0.31

INDIVIDUAL FORELIMB AND HINDLIMB GRIP STRENGTH ASSESSMENTS
FOR FEMALE RATS

BASELINE

Animal Number	FORELIMB GRIP STRENGTH (kg)				HINDLIMB GRIP STRENGTH (kg)			
	Trial 1	Trial 2	Trial 3	Mean of Trials	Trial 1	Trial 2	Trial 3	Mean of Trials
Group VIII: 500 mg/kg/day								
646506	0.69	0.69	0.47	0.62	0.31	0.39	0.23	0.31
646508	0.51	0.67	0.57	0.58	0.38	0.33	0.45	0.39
646540	0.32	0.46	0.51	0.43	0.43	0.30	0.28	0.34
646542	0.30	0.67	0.47	0.48	0.24	0.31	0.24	0.26
646545	0.47	0.55	0.59	0.54	0.43	0.31	0.37	0.37
646548	0.66	0.68	0.50	0.61	0.44	0.48	0.38	0.43
646599	0.39	0.52	0.51	0.47	0.31	0.25	0.20	0.25
646618	0.37	0.39	0.63	0.46	0.28	0.31	0.34	0.31
646637	0.54	0.42	0.66	0.54	0.44	0.24	0.34	0.34
646650	0.69	0.50	0.36	0.52	0.28	0.34	0.36	0.33

INDIVIDUAL FORELIMB AND HINDLIMB GRIP STRENGTH ASSESSMENTS
FOR FEMALE RATS

WEEK 13

Animal Number	<u>FORELIMB GRIP STRENGTH (kg)</u>				<u>HINDLIMB GRIP STRENGTH (kg)</u>			
	Trial 1	Trial 2	Trial 3	Mean of Trials	Trial 1	Trial 2	Trial 3	Mean of Trials
Group II: 0 mg/kg/day								
646511	1.09	0.63	1.02	0.91	0.67	0.72	0.66	0.68
646549	1.33	1.33	0.82	1.16	0.87	0.72	0.73	0.77
646551	0.77	0.81	1.27	0.95	0.90	0.87	0.95	0.91
646565	0.87	1.36	0.80	1.01	0.88	0.76	0.77	0.80
646580	0.77	0.41	0.78	0.65	0.40	0.48	0.39	0.42
646581	0.81	0.87	1.25	0.98	0.51	0.47	0.53	0.50
646586	1.42	0.82	0.72	0.99	0.58	0.77	0.64	0.66
646613	0.77	1.05	1.48	1.10	0.73	0.69	0.65	0.69
646627	1.06	0.60	0.69	0.78	0.60	0.68	0.69	0.66
646652	1.16	1.25	1.25	1.22	0.66	0.69	0.67	0.67
Group IV: 25 mg/kg/day								
646502	0.79	0.90	0.95	0.88	0.74	0.56	0.69	0.66
646522	1.31	0.91	0.86	1.03	0.61	0.61	0.61	0.61
646567	0.86	0.90	0.80	0.85	0.63	0.58	0.52	0.58
646576	0.99	1.26	1.06	1.10	0.70	0.71	0.69	0.70
646595	1.26	0.67	0.65	0.86	0.59	0.66	0.49	0.58
646621	0.54	1.10	1.01	0.88	0.64	0.73	0.69	0.69
646635	1.48	1.25	0.97	1.23	0.69	0.79	0.64	0.71
646660	0.85	0.84	1.05	0.91	0.49	0.47	0.44	0.47
646664	0.81	0.77	0.66	0.75	0.59	0.63	0.64	0.62
646673	1.38	1.13	0.95	1.15	0.66	0.62	0.61	0.63
Group VI: 100 mg/kg/day								
646501	1.40	1.34	1.45	1.40	0.71	0.84	0.84	0.80
646505	1.05	1.51	1.02	1.19	0.77	0.80	0.71	0.76
646510	1.12	0.98	0.90	1.00	0.49	0.63	0.68	0.60
646534	1.43	1.36	1.28	1.36	0.84	0.82	0.77	0.81
646556	1.63	1.34	1.44	1.47	0.51	0.63	0.59	0.58
646578	1.16	0.93	1.15	1.08	0.42	0.41	0.54	0.46
646608	1.10	1.40	1.20	1.23	0.48	0.61	0.56	0.55
646624	0.79	0.76	0.42	0.66	0.59	0.73	0.67	0.66
646629	1.34	1.13	1.05	1.17	0.48	0.53	0.57	0.53
646633	1.09	1.26	0.68	1.01	0.54	0.50	0.47	0.50

INDIVIDUAL FORELIMB AND HINDLIMB GRIP STRENGTH ASSESSMENTS
FOR FEMALE RATS

WEEK 13

Animal Number	FORELIMB GRIP STRENGTH (kg)				HINDLIMB GRIP STRENGTH (kg)			
	Trial 1	Trial 2	Trial 3	Mean of Trials	Trial 1	Trial 2	Trial 3	Mean of Trials
Group VIII: 500 mg/kg/day								
646506	1.12	1.17	0.72	1.00	0.43	0.52	0.48	0.48
646508	1.05	0.93	1.01	1.00	0.61	0.71	0.63	0.65
646540	0.63	0.68	0.52	0.61	0.50	0.61	0.59	0.57
646542	0.65	0.54	0.69	0.63	0.61	0.64	0.49	0.58
646545	1.32	1.28	1.32	1.31	0.66	0.81	0.77	0.75
646548	1.01	0.87	1.25	1.04	0.51	0.58	0.60	0.56
646599	1.31	1.20	0.85	1.12	0.52	0.47	0.58	0.52
646618	0.64	0.73	0.86	0.74	0.60	0.55	0.61	0.59
646637	1.21	1.36	1.02	1.20	0.76	0.94	0.73	0.81
646650	1.00	1.01	1.07	1.03	0.61	0.66	0.65	0.64

INDIVIDUAL FORELIMB AND HINDLIMB GRIP STRENGTH ASSESSMENTS
FOR FEMALE RATS

RECOVERY								
Animal Number	FORELIMB GRIP STRENGTH (kg)				HINDLIMB GRIP STRENGTH (kg)			
	Trial 1	Trial 2	Trial 3	Mean of Trials	Trial 1	Trial 2	Trial 3	Mean of Trials
Group II: 0 mg/kg/day								
646511	1.11	1.29	1.55	1.32	0.79	0.81	0.77	0.79
646549	0.68	0.83	1.06	0.86	0.85	0.64	0.61	0.70
646551	1.68	1.16	1.61	1.48	0.87	0.88	1.01	0.92
646565	0.97	1.08	0.84	0.96	0.67	0.72	0.66	0.68
646580	0.46	0.71	0.46	0.54	0.64	0.68	0.66	0.66
646581	1.00	0.71	1.05	0.92	0.67	0.63	0.65	0.65
646586	0.66	0.90	1.19	0.92	0.61	0.66	0.56	0.61
646613	1.09	1.35	1.12	1.19	0.77	0.51	0.71	0.66
646627	0.45	0.63	0.90	0.66	0.61	0.76	0.65	0.67
646652	1.61	1.64	1.29	1.51	0.74	0.72	0.77	0.74
Group VIII: 500 mg/kg/day								
646506	1.02	0.61	0.55	0.73	0.43	0.52	0.54	0.50
646508	0.85	0.97	1.13	0.98	0.59	0.79	0.81	0.73
646540 ^a	0.38	0.32	0.35	0.35	0.59	0.58	0.69	0.62
646542	0.81	0.81	0.76	0.79	0.74	0.64	0.60	0.66
646545	1.12	1.04	0.80	0.99	0.78	0.79	0.77	0.78
646548	1.07	1.34	1.37	1.26	0.58	0.71	0.52	0.60
646599	0.60	0.82	0.89	0.77	0.51	0.50	0.47	0.49
646618	0.76	0.79	0.62	0.72	0.46	0.54	0.30	0.43
646637	0.99	0.79	0.85	0.88	0.69	0.70	0.66	0.68
646650	1.46	1.21	1.10	1.26	0.66	0.76	0.73	0.72

^a Rat 646540 was uncooperative during forelimb grip strength. Data were not included in the group mean or the statistical evaluation.

APPENDIX H

INDIVIDUAL FUNCTIONAL OBSERVATIONAL BATTERY ASSESSMENTS

INDIVIDUAL FUNCTIONAL OBSERVATIONAL BATTERY ASSESSMENTS

EXPLANATORY NOTES

INDIVIDUAL FUNCTIONAL OBSERVATIONAL BATTERY SCORING SYSTEM

MANIPULATIONS IN OPEN FIELD ARENA (FREE ROAMING SPACE)

APPROACH & TOUCH:	-1 = no reaction
	0 = normal
	1 = increased reaction (jumps away or attacks)
AUDITORY STIMULUS:	-1 = no reaction
	0 = normal reaction (rat flinches or flicks ear)
	1 = exaggerated reaction (rat jumps, flips)
TAIL PINCH:	-1 = no response
	0 = normal (turns toward site)
	1 = exaggerated response (vocalizations, rapid turning)

IN MOTOR ACTIVITY MONITOR

PUPILLARY RESPONSE:	0 = present
	1 = absent
DEFECATION:	0 = absent
	1 = present
	D = diarrhea
URINATION:	0 = absent
	1 = present

Abbreviation:

... No Data Collected

INDIVIDUAL FUNCTIONAL OBSERVATIONAL BATTERY ASSESSMENTS FOR MALE RATS

Group I: 0 mg/kg/day

Animal Number	Time Point	Manipulation			In Motor Activity		
		Approach and Touch	Auditory Stimulus	Tail Pinch	Pupillary Response	Defecation	Urination
646371	Baseline	0	0	0	0	1	0
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	1	1
646398	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	0	1
646411	Baseline	0	0	0	0	0	0
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	0	1
646416	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	0	0
	Recovery	0	0	0	0	0	1
646432	Baseline	0	0	0	0	0	0
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	0	1
646446	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	0	1
646459	Baseline	0	0	0	0	1	0
	Week 13	0	0	0	0	0	1
	Recovery	0	0	0	0	0	1
646460	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	1	1
646487	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	1	1
646494	Baseline	0	0	0	0	0	0
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	1	1

INDIVIDUAL FUNCTIONAL OBSERVATIONAL BATTERY ASSESSMENTS FOR MALE RATS

Group III: 25 mg/kg/day

Animal Number	Time Point	Manipulation			In Motor Activity		
		Approach and Touch	Auditory Stimulus	Tail Pinch	Pupillary Response	Defecation	Urination
646370	Baseline	0	0	0	0	1	1
	Week 13	0	0	1	0	0	1
646399	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	1	1
646414	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	0	1
646421	Baseline	0	0	0	0	1	1
	Week 13	0	0	1	0	0	1
646423	Baseline	0	0	0	0	0	0
	Week 13	0	-1	0	0	1	1
646426	Baseline ^a	0	0	0	0	...	...
	Week 13	0	0	0	0	0	0
646443	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	1	1
646454	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	1	1
646458	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	1	1
646471	Baseline	0	0	0	0	1	1
	Week 13	0	0	1	0	0	1

^a Defecation and urination were not recorded.

INDIVIDUAL FUNCTIONAL OBSERVATIONAL BATTERY ASSESSMENTS FOR MALE RATS

Group V: 100 mg/kg/day

Animal Number	Time Point	Manipulation			In Motor Activity		
		Approach and Touch	Auditory Stimulus	Tail Pinch	Pupillary Response	Defecation	Urination
646349	Baseline	0	0	0	0	0	0
	Week 13	0	0	0	0	0	1
646373	Baseline	0	0	0	0	0	1
	Week 13 ^a	0	0	0	0	1	1
646385	Baseline	0	0	1	0	0	1
	Week 13	0	0	1	0	1	1
646435	Baseline	0	0	0	0	1	1
	Week 13 ^b	0	0	0	0	1	1
646455	Baseline	0	0	0	0	0	1
	Week 13 ^b	0	0	0	0	0	0
646456	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	1	1
646463	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	1	1
646469	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	0	1
646472	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	0	1
646488	Baseline	0	0	0	0	0	0
	Week 13	0	0	0	0	1	1

^a Abnormal gait, flattened rear posture.

^b Sore forelimb toes.

INDIVIDUAL FUNCTIONAL OBSERVATIONAL BATTERY ASSESSMENTS FOR MALE RATS

Group VII: 500 mg/kg/day

Animal Number	Time Point	Manipulation			In Motor Activity		
		Approach and Touch	Auditory Stimulus	Tail Pinch	Pupillary Response	Defecation	Urination
646337	Baseline	0	0	0	0	0	1
	Week 13 ^a	0	-1	0	0	1	1
	Recovery	0	0	0	0	1	1
646364	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	0	1
646369	Baseline	0	0	0	0	1	1
	Week 13 ^{a, b}	0	0	0	0	1	1
	Recovery	0	0	0	0	1	1
646372	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	0	1
	Recovery	0	0	0	0	1	1
646384	Baseline	0	0	0	0	1	1
	Week 13 ^c	0	0	0	0	0	1
	Recovery	0	0	0	0	0	1
646397	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	0	1
646428	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	0	1
646448	Baseline	0	0	0	0	0	1
	Week 13	0	0	1	0	1	1
	Recovery	0	0	0	0	1	1
646474	Baseline	0	0	0	0	1	1
	Week 13 ^a	0	0	0	0	1	1
	Recovery	0	0	0	0	0	1
646484	Baseline	0	0	0	0	0	1
	Week 13 ^a	0	0	0	0	1	1
	Recovery	0	0	0	0	1	1

^a Stained perineum, yellow.

^b Sore forelimb toes.

^c Sore left forelimb.

INDIVIDUAL FUNCTIONAL OBSERVATIONAL BATTERY ASSESSMENTS FOR FEMALE RATS

Group II: 0 mg/kg/day

Animal Number	Time Point	Manipulation			In Motor Activity		
		Approach and Touch	Auditory Stimulus	Tail Pinch	Pupillary Response	Defecation	Urination
646511	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	0	1
	Recovery	0	0	0	0	0	1
646549	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	0	0
	Recovery	0	0	0	0	1	1
646551	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	0	1
	Recovery	0	0	0	0	1	1
646565	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	0	0
	Recovery	0	0	0	0	1	1
646580	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	0	1
	Recovery	0	0	0	0	1	1
646581	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	0	1
646586	Baseline	0	0	0	0	0	0
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	0	1
646613	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	0	1
	Recovery	0	0	0	0	0	1
646627	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	0	1
646652	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	0	1
	Recovery	0	0	0	0	0	1

INDIVIDUAL FUNCTIONAL OBSERVATIONAL BATTERY ASSESSMENTS FOR FEMALE RATS

Group IV: 25 mg/kg/day

Animal Number	Time Point	Manipulation			In Motor Activity		
		Approach and Touch	Auditory Stimulus	Tail Pinch	Pupillary Response	Defecation	Urination
646502	Baseline	0	0	0	0	0	0
	Week 13	0	0	0	0	0	1
646522	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	1	1
646567	Baseline	0	0	0	0	1	0
	Week 13	0	0	0	0	0	1
646576	Baseline	0	0	0	0	0	0
	Week 13	0	0	0	0	1	1
646595	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	0	1
646621	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	1	1
646635	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	0	1
646660	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	1	1
646664	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	1	1
646673	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	1	1

INDIVIDUAL FUNCTIONAL OBSERVATIONAL BATTERY ASSESSMENTS FOR FEMALE RATS

Group VI: 100 mg/kg/day

Animal Number	Time Point	Manipulation			In Motor Activity		
		Approach and Touch	Auditory Stimulus	Tail Pinch	Pupillary Response	Defecation	Urination
646501	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	1	1
646505	Baseline	0	0	0	0	1	0
	Week 13	0	0	0	0	1	1
646510	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	1	1
646534	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	0	0
646556	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	0	1
646578	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	1	1
646608	Baseline	0	0	0	0	0	0
	Week 13	0	0	0	0	1	1
646624	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	1	1
646629	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	0	1
646633	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	1	1

INDIVIDUAL FUNCTIONAL OBSERVATIONAL BATTERY ASSESSMENTS
FOR FEMALE RATS

Group VIII: 500 mg/kg/day

Animal Number	Time Point	Manipulation			In Motor Activity		
		Approach and Touch	Auditory Stimulus	Tail Pinch	Pupillary Response	Defecation	Urination
646506	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	1	1
646508	Baseline	0	0	0	0	0	0
	Week 13 ^a	0	0	0	0	1	1
	Recovery	0	0	0	0	1	1
646540	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	0	1
646542	Baseline	0	0	1	0	0	0
	Week 13 ^a	0	0	0	0	1	1
	Recovery	0	0	0	0	1	1
646545	Baseline	0	0	0	0	0	1
	Week 13 ^a	0	0	0	0	0	1
	Recovery	0	0	0	0	0	1
646548	Baseline	0	0	0	0	1	1
	Week 13	0	0	0	0	0	1
	Recovery	0	0	0	0	1	1
646599	Baseline	0	0	0	0	0	0
	Week 13	0	0	0	0	0	1
	Recovery	0	0	0	0	0	1
646618	Baseline	0	0	0	0	0	1
	Week 13	0	0	0	0	1	1
	Recovery	0	0	0	0	1	1
646637	Baseline	0	0	0	0	0	1
	Week 13 ^a	0	0	0	0	1	1
	Recovery	0	0	0	0	0	1
646650	Baseline	0	0	0	0	0	1
	Week 13 ^a	0	0	0	0	1	1
	Recovery	0	0	0	0	0	1

^a Stained perineum, yellow.

APPENDIX I

INDIVIDUAL MOTOR ACTIVITY ASSESSMENT: DURATION OF MOVEMENT

INDIVIDUAL MOTOR ACTIVITY ASSESSMENT: DURATION OF MOVEMENT (sec)
FOR MALE RATS

BASELINE

Animal Number	SUCCESSIVE 10-MINUTE INTERVALS						
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>Total</u>
Group I: 0 mg/kg/day							
646371	377	257	250	41	19	0	944
646398	332	268	220	181	58	25	1084
646411	385	395	288	1	0	0	1069
646416	392	323	332	288	268	222	1825
646432	366	289	93	22	5	5	780
646446	358	200	147	20	8	9	742
646459	364	281	181	215	9	2	1052
646460	327	216	166	204	32	0	945
646487	348	173	173	98	2	9	803
646494	406	300	261	8	18	8	1001
Group III: 25 mg/kg/day							
646370	327	269	236	149	124	0	1105
646399	271	290	181	45	0	62	849
646414	426	378	249	43	14	14	1124
646421	327	239	131	6	9	14	726
646423	346	236	128	4	6	4	724
646426	365	246	105	42	27	5	790
646443	440	349	232	268	192	27	1508
646454	419	270	232	170	179	51	1321
646458	360	289	254	88	4	1	996
646471	379	253	73	34	18	15	772
Group V: 100 mg/kg/day							
646349	377	411	266	245	76	1	1376
646373	241	172	154	136	85	9	797
646385	340	214	122	7	8	2	693
646435	372	227	130	12	7	3	751
646455	244	236	188	71	12	14	765
646456	412	359	44	6	46	25	892
646463	412	339	344	253	173	3	1524
646469	393	280	274	15	22	1	985
646472	387	152	0	1	4	11	555
646488	363	181	117	49	16	1	727

INDIVIDUAL MOTOR ACTIVITY ASSESSMENT: DURATION OF MOVEMENT (sec)
FOR MALE RATS

BASELINE

Animal Number	Successive 10-Minute Intervals						
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>Total</u>
Group VII: 500 mg/kg/day							
646337	438	344	284	109	17	9	1201
646364	406	328	269	175	80	2	1260
646369	344	318	234	169	9	0	1074
646372	335	282	26	28	10	26	707
646384	362	234	211	150	200	3	1160
646397	409	355	359	158	119	43	1443
646428	316	162	84	0	6	2	570
646448	398	240	16	17	14	5	690
646474	362	249	218	33	9	17	888
646484	355	174	30	16	17	8	600

INDIVIDUAL MOTOR ACTIVITY ASSESSMENT: DURATION OF MOVEMENT (sec)
FOR MALE RATS

WEEK 13

Animal Number	Successive 10-Minute Intervals						
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>Total</u>
Group I: 0 mg/kg/day							
646371	412	308	277	259	230	117	1603
646398	352	312	233	149	154	166	1366
646411	425	388	333	347	314	241	2048
646416	410	300	279	278	238	250	1755
646432	385	331	299	339	334	265	1953
646446	472	406	310	296	154	90	1728
646459	408	306	253	270	314	53	1604
646460	335	86	31	152	6	19	629
646487	352	221	158	166	171	146	1214
646494	496	437	356	341	295	306	2231
Group III: 25 mg/kg/day							
646370	369	271	256	145	182	24	1247
646399	343	247	305	177	203	135	1410
646414	430	377	334	103	249	214	1707
646421	340	203	199	131	126	139	1138
646423	297	235	293	235	222	154	1436
646426	440	324	348	328	301	278	2019
646443	421	365	327	300	223	330	1966
646454	410	358	371	210	325	220	1894
646458	381	353	283	291	322	142	1772
646471	418	252	209	225	201	298	1603
Group V: 100 mg/kg/day							
646349	420	336	357	256	272	160	1801
646373	346	258	165	171	258	148	1346
646385	412	342	221	1	1	112	1089
646435	389	283	218	169	236	224	1519
646455	340	198	238	260	178	195	1409
646456	454	384	329	221	262	206	1856
646463	361	310	217	284	155	129	1456
646469	418	273	235	197	248	154	1525
646472	500	417	362	323	259	216	2077
646488	455	422	381	334	326	332	2250

INDIVIDUAL MOTOR ACTIVITY ASSESSMENT: DURATION OF MOVEMENT (sec)
FOR MALE RATS

WEEK 13

Animal Number	Successive 10-Minute Intervals						
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>Total</u>
Group VII: 500 mg/kg/day							
646337	429	318	320	232	236	174	1709
646364	465	372	279	293	270	342	2021
646369	346	316	261	212	274	267	1676
646372	381	348	262	228	280	240	1739
646384	362	296	244	220	298	178	1598
646397	494	399	365	417	396	343	2414
646428	345	283	181	17	225	113	1164
646448	475	376	294	273	284	198	1900
646474	391	341	265	302	335	281	1915
646484	380	297	224	211	149	272	1533

INDIVIDUAL MOTOR ACTIVITY ASSESSMENT: DURATION OF MOVEMENT (sec)
FOR MALE RATS

RECOVERY

Animal Number	Successive 10-Minute Intervals						
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>Total</u>
Group I: 0 mg/kg/day							
646371	403	280	281	210	126	200	1500
646398	369	358	266	249	150	235	1627
646411	384	316	277	249	224	145	1595
646416	415	275	236	116	152	217	1411
646432	374	350	281	265	256	278	1804
646446	415	336	309	150	165	32	1407
646459	324	287	160	255	85	11	1122
646460	363	263	128	221	254	105	1334
646487	365	136	249	256	24	1	1031
646494	443	340	304	324	273	267	1951
Group VII: 500 mg/kg/day							
646337	434	364	249	196	284	288	1815
646364	431	358	297	287	203	15	1591
646369	450	296	348	260	216	237	1807
646372	402	288	261	205	163	152	1471
646384	295	214	239	118	84	1	951
646397	299	274	219	193	214	190	1389
646428	311	299	206	300	219	1	1336
646448	423	359	280	311	282	310	1965
646474	419	324	273	206	249	159	1630
646484	424	300	195	265	217	7	1408

INDIVIDUAL MOTOR ACTIVITY ASSESSMENT: DURATION OF MOVEMENT (sec)
FOR FEMALE RATS

BASELINE

Animal Number	Successive 10-Minute Intervals						
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>Total</u>
Group II: 0 mg/kg/day							
646511	490	351	147	406	419	199	2012
646549	350	208	131	92	277	107	1165
646551	309	246	163	35	10	0	763
646565	366	307	293	137	6	4	1113
646580	394	324	271	250	117	6	1362
646581	381	295	287	276	99	38	1376
646586	309	212	156	0	5	19	701
646613	307	250	171	194	169	194	1285
646627	397	292	328	393	28	0	1438
646652	326	232	192	174	179	98	1201
Group IV: 25 mg/kg/day							
646502	366	180	53	0	23	0	622
646522	324	72	180	112	0	2	690
646567	442	344	310	159	178	2	1435
646576	387	297	222	14	6	0	926
646595	318	178	90	36	152	21	795
646621	412	225	191	181	4	0	1013
646635	341	255	250	227	313	116	1502
646660	408	393	308	307	269	32	1717
646664	343	301	263	267	315	228	1717
646673	399	290	49	348	41	5	1132
Group VI: 100 mg/kg/day							
646501	357	248	297	142	81	8	1133
646505	367	230	138	159	223	91	1208
646510	351	235	65	12	7	0	670
646534	316	230	121	178	67	104	1016
646556	391	326	246	286	280	38	1567
646578	266	105	198	4	38	1	612
646608	428	320	286	344	269	209	1856
646624	285	280	217	135	12	6	935
646629	401	329	151	421	175	13	1490
646633	365	263	310	228	143	114	1423

INDIVIDUAL MOTOR ACTIVITY ASSESSMENT: DURATION OF MOVEMENT (sec)
FOR FEMALE RATS

BASELINE

Animal Number	Successive 10-Minute Intervals						
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>Total</u>
Group VIII: 500 mg/kg/day							
646506	399	260	169	40	1	3	872
646508	324	237	18	138	46	16	779
646540	332	240	157	134	169	91	1123
646542	330	249	205	38	6	0	828
646545	323	217	280	177	197	87	1281
646548	247	173	153	26	86	144	829
646599	371	268	166	35	11	15	866
646618	440	354	293	292	178	99	1656
646637	436	369	320	108	23	10	1266
646650	342	238	90	34	0	0	704

INDIVIDUAL MOTOR ACTIVITY ASSESSMENT: DURATION OF MOVEMENT (sec)
FOR FEMALE RATS

WEEK 13

Animal Number	Successive 10-Minute Intervals						
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>Total</u>
Group II: 0 mg/kg/day							
646511	453	305	273	293	337	407	2068
646549	422	304	127	275	255	132	1515
646551	420	358	344	271	231	283	1907
646565	371	203	274	160	263	0	1271
646580	422	266	249	230	155	2	1324
646581	464	310	367	134	232	8	1515
646586	427	335	249	8	288	293	1600
646613	362	305	227	292	233	127	1546
646627	432	212	170	174	5	67	1060
646652	390	286	225	309	126	219	1555
Group IV: 25 mg/kg/day							
646502	369	278	217	225	9	63	1161
646522	361	252	114	210	177	209	1323
646567	436	330	237	292	285	278	1858
646576	358	336	281	260	122	199	1556
646595	460	285	160	173	222	152	1452
646621	460	352	150	229	244	286	1721
646635	383	222	130	288	224	249	1496
646660	358	266	221	260	246	142	1493
646664	452	262	183	314	229	252	1692
646673	355	227	251	287	198	204	1522
Group VI: 100 mg/kg/day							
646501	380	361	193	220	230	202	1586
646505	383	324	232	275	262	215	1691
646510	404	335	371	357	275	256	1998
646534	297	227	189	208	173	201	1295
646556	417	339	227	236	303	162	1684
646578	419	172	207	174	100	185	1257
646608	493	424	431	381	343	359	2431
646624	295	261	143	142	220	162	1223
646629	398	401	84	215	234	227	1559
646633	412	304	287	201	146	230	1580

INDIVIDUAL MOTOR ACTIVITY ASSESSMENT: DURATION OF MOVEMENT (sec)
FOR FEMALE RATS

WEEK 13

Animal Number	Successive 10-Minute Intervals						
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>Total</u>
Group VIII: 500 mg/kg/day							
646506	426	279	273	327	347	140	1792
646508	375	349	357	293	269	278	1921
646540	428	288	185	106	193	235	1435
646542	364	228	186	166	103	133	1180
646545	419	306	198	191	248	171	1533
646548	300	288	248	132	75	95	1138
646599	446	333	264	254	168	258	1723
646618	464	351	260	229	283	253	1840
646637	488	360	331	220	430	211	2040
646650	352	264	242	309	291	296	1754

INDIVIDUAL MOTOR ACTIVITY ASSESSMENT: DURATION OF MOVEMENT (sec)
FOR FEMALE RATS

RECOVERY

Animal Number	Successive 10-Minute Intervals						
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>Total</u>
Group II: 0 mg/kg/day							
646511	483	366	295	270	141	251	1806
646549	470	483	365	381	268	359	2326
646551	392	278	284	220	291	204	1669
646565	410	313	231	324	251	139	1668
646580	398	267	329	182	13	33	1222
646581	428	357	152	140	245	216	1538
646586	346	257	234	182	64	147	1230
646613	466	381	338	268	161	232	1846
646627	372	270	177	131	87	211	1248
646652	364	258	284	153	145	67	1271
Group VIII: 500 mg/kg/day							
646506	415	308	275	247	221	254	1720
646508	319	198	217	265	213	221	1433
646540	423	246	236	266	155	292	1618
646542	371	185	168	176	294	162	1356
646545	391	255	236	132	120	198	1332
646548	423	376	351	292	245	210	1897
646599	503	432	308	247	289	195	1974
646618	413	397	292	361	281	103	1847
646637	442	353	259	50	142	107	1353
646650	338	260	234	189	181	57	1259

APPENDIX J

INDIVIDUAL MOTOR ACTIVITY ASSESSMENT: NUMBER OF MOVEMENTS

INDIVIDUAL MOTOR ACTIVITY ASSESSMENT: NUMBER OF MOVEMENTS
FOR MALE RATS

BASELINE

Animal Number	Successive 10-Minute Intervals						
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>Total</u>
Group I: 0 mg/kg/day							
646371	122	141	138	31	11	1	444
646398	140	142	129	125	36	21	593
646411	116	107	115	1	0	0	339
646416	140	150	140	148	135	140	853
646432	140	148	88	18	7	9	410
646446	123	113	93	18	4	4	355
646459	145	130	114	89	18	2	498
646460	135	113	103	124	34	5	514
646487	155	126	128	79	8	4	500
646494	129	131	146	11	13	7	437
Group III: 25 mg/kg/day							
646370	137	149	129	127	97	2	641
646399	148	162	130	55	1	43	539
646414	135	140	109	28	6	13	431
646421	158	155	94	6	7	15	435
646423	167	141	110	8	8	7	441
646426	135	134	58	46	24	8	405
646443	146	157	149	154	118	16	740
646454	132	134	130	143	120	37	696
646458	152	132	147	80	12	3	526
646471	137	141	48	24	11	11	372
Group V: 100 mg/kg/day							
646349	95	123	110	120	73	3	524
646373	126	126	107	103	83	13	558
646385	142	129	53	6	12	5	347
646435	149	143	108	8	11	7	426
646455	131	152	158	66	24	12	543
646456	108	107	31	4	18	12	280
646463	133	113	150	127	146	5	674
646469	125	139	144	25	13	4	450
646472	115	99	0	3	4	11	232
646488	149	117	83	48	13	3	413

INDIVIDUAL MOTOR ACTIVITY ASSESSMENT: NUMBER OF MOVEMENTS
FOR MALE RATS

BASELINE

Animal Number	Successive 10-Minute Intervals						
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>Total</u>
Group VII: 500 mg/kg/day							
646337	131	129	143	69	9	6	487
646364	96	117	133	109	68	4	527
646369	131	132	134	94	11	1	503
646372	125	136	24	17	13	20	335
646384	149	133	124	132	118	8	664
646397	91	58	58	23	8	3	241
646428	152	129	69	3	5	6	364
646448	132	135	16	15	18	7	323
646474	111	133	111	34	8	13	410
646484	151	135	34	13	20	9	362

INDIVIDUAL MOTOR ACTIVITY ASSESSMENT: NUMBER OF MOVEMENTS
FOR MALE RATS

WEEK 13

Animal Number	Successive 10-Minute Intervals						
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>Total</u>
Group I: 0 mg/kg/day							
646371	147	135	151	132	124	102	791
646398	134	149	108	92	90	70	643
646411	131	153	128	122	143	108	785
646416	139	125	129	102	122	137	754
646432	121	135	140	151	122	134	803
646446	117	120	116	128	84	34	599
646459	139	147	171	123	137	52	769
646460	142	65	19	75	13	21	335
646487	133	125	90	97	119	89	653
646494	111	122	130	145	115	145	768
Group III: 25 mg/kg/day							
646370	147	143	124	81	103	27	625
646399	152	137	127	110	131	108	765
646414	139	146	151	64	157	114	771
646421	140	136	152	95	117	123	763
646423	142	135	135	153	123	95	783
646426	111	118	125	124	115	134	727
646443	146	166	147	146	132	141	878
646454	126	130	148	126	144	108	782
646458	142	163	149	158	118	91	821
646471	129	129	98	120	115	163	754
Group V: 100 mg/kg/day							
646349	125	121	127	116	119	82	690
646373	148	147	109	103	130	103	740
646385	140	143	92	6	3	72	456
646435	146	142	125	122	139	144	818
646455	159	121	138	148	109	118	793
646456	121	140	124	97	112	117	711
646463	118	121	99	126	88	74	626
646469	130	137	104	130	126	106	733
646472	108	132	146	119	126	88	719
646488	126	136	155	138	168	134	857

INDIVIDUAL MOTOR ACTIVITY ASSESSMENT: NUMBER OF MOVEMENTS
FOR MALE RATS

WEEK 13

Animal Number	Successive 10-Minute Intervals						
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>Total</u>
Group VII: 500 mg/kg/day							
646337	138	117	112	105	106	93	671
646364	114	122	105	132	119	113	705
646369	121	135	148	93	125	130	752
646372	122	132	141	119	127	136	777
646384	142	135	124	111	122	126	760
646397	53	67	52	61	59	53	345
646428	167	155	96	16	121	76	631
646448	126	140	131	112	109	101	719
646474	119	128	126	144	117	126	760
646484	151	136	136	155	106	162	846

INDIVIDUAL MOTOR ACTIVITY ASSESSMENT: NUMBER OF MOVEMENTS
FOR MALE RATS

RECOVERY

Animal Number	Successive 10-Minute Intervals						
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>Total</u>
Group I: 0 mg/kg/day							
646371	140	156	142	135	103	122	798
646398	145	138	129	125	121	149	807
646411	141	125	149	146	122	88	771
646416	117	127	112	85	96	117	654
646432	148	139	137	143	139	127	833
646446	117	152	138	108	84	19	618
646459	163	136	101	136	81	8	625
646460	129	128	96	110	111	85	659
646487	141	82	138	118	15	6	500
646494	131	156	144	157	157	145	890
Group VII: 500 mg/kg/day							
646337	125	134	89	79	115	120	662
646364	111	115	114	133	86	9	568
646369	129	144	153	151	108	104	789
646372	158	155	142	102	111	122	790
646384	109	117	111	88	74	7	506
646397	134	131	133	135	127	128	788
646428	125	128	109	127	100	5	594
646448	123	136	111	132	144	109	755
646474	120	143	128	104	131	93	719
646484	132	85	70	96	92	4	479

INDIVIDUAL MOTOR ACTIVITY ASSESSMENT: NUMBER OF MOVEMENTS
FOR FEMALE RATS

BASELINE

Animal Number	Successive 10-Minute Intervals						
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>Total</u>
Group II: 0 mg/kg/day							
646511	60	53	21	61	53	12	260
646549	115	104	85	61	136	64	565
646551	160	133	139	38	11	2	483
646565	125	126	151	120	9	5	536
646580	119	119	92	109	70	2	511
646581	143	167	144	125	110	56	745
646586	129	113	80	0	7	9	338
646613	147	158	124	142	112	133	816
646627	130	115	140	135	35	2	557
646652	151	136	124	116	110	89	726
Group IV: 25 mg/kg/day							
646502	143	122	50	1	21	0	337
646522	124	51	79	61	1	5	321
646567	122	151	124	111	133	6	647
646576	137	134	118	20	4	2	415
646595	133	122	74	33	101	33	496
646621	104	110	102	120	4	5	445
646635	130	130	108	128	151	104	751
646660	117	119	116	141	107	25	625
646664	136	130	146	128	119	131	790
646673	118	138	27	102	26	6	417
Group VI: 100 mg/kg/day							
646501	123	125	130	110	40	7	535
646505	137	140	150	138	139	95	799
646510	141	127	46	11	9	5	339
646534	137	125	110	130	71	99	672
646556	124	128	125	92	153	41	663
646578	131	87	143	4	37	2	404
646608	98	97	105	101	114	92	607
646624	139	138	124	99	23	6	529
646629	109	117	74	118	92	21	531
646633	131	112	135	106	121	64	669

INDIVIDUAL MOTOR ACTIVITY ASSESSMENT: NUMBER OF MOVEMENTS
FOR FEMALE RATS

BASELINE

Animal Number	Successive 10-Minute Intervals						
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>Total</u>
Group VIII: 500 mg/kg/day							
646506	132	124	113	36	4	5	414
646508	125	140	23	73	62	25	448
646540	154	145	114	119	149	104	785
646542	144	150	114	31	10	2	451
646545	144	114	143	117	118	81	717
646548	134	110	116	33	66	119	578
646599	143	125	111	26	15	13	433
646618	110	108	132	119	106	76	651
646637	120	138	108	104	19	12	501
646650	148	146	77	40	0	0	411

INDIVIDUAL MOTOR ACTIVITY ASSESSMENT: NUMBER OF MOVEMENTS FOR FEMALE RATS

WEEK 13

Animal Number	Successive 10-Minute Intervals						
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>Total</u>
Group II: 0 mg/kg/day							
646511	82	82	73	91	77	71	476
646549	129	144	83	131	139	96	722
646551	124	142	147	146	121	137	817
646565	116	85	101	99	114	3	518
646580	117	122	146	138	95	3	621
646581	133	146	150	97	149	16	691
646586	123	123	103	13	139	117	618
646613	150	161	156	157	150	113	887
646627	118	79	93	123	10	39	462
646652	141	127	135	126	113	124	766
Group IV: 25 mg/kg/day							
646502	134	143	147	132	22	45	623
646522	138	129	94	102	114	141	718
646567	113	130	123	123	133	133	755
646576	147	138	146	132	113	133	809
646595	142	141	120	100	123	124	750
646621	119	148	80	118	128	127	720
646635	127	137	84	166	140	144	798
646660	135	118	132	137	120	97	739
646664	113	92	103	117	120	124	669
646673	108	110	115	134	121	110	698
Group VI: 100 mg/kg/day							
646501	155	135	116	115	130	151	802
646505	162	181	148	181	177	147	996
646510	132	130	133	126	128	143	792
646534	137	129	137	143	129	114	789
646556	137	138	132	135	147	134	823
646578	139	130	128	110	72	119	698
646608	70	48	75	61	61	63	378
646624	159	127	105	87	132	123	733
646629	124	114	53	99	133	131	654
646633	113	111	141	137	89	112	703

INDIVIDUAL MOTOR ACTIVITY ASSESSMENT: NUMBER OF MOVEMENTS
FOR FEMALE RATS

WEEK 13

Animal Number	Successive 10-Minute Intervals						
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>Total</u>
Group VIII: 0 mg/kg/day							
646506	117	123	155	129	147	94	765
646508	135	150	133	120	128	134	800
646540	140	152	114	74	119	159	758
646542	138	115	138	115	74	102	682
646545	118	128	115	100	129	108	698
646548	143	140	129	89	55	82	638
646599	135	123	111	125	109	126	729
646618	127	123	127	117	138	132	764
646637	113	129	128	139	132	145	786
646650	147	134	145	153	145	130	854

INDIVIDUAL MOTOR ACTIVITY ASSESSMENT: NUMBER OF MOVEMENTS
FOR FEMALE RATS

RECOVERY

Animal Number	Successive 10-Minute Intervals						
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>Total</u>
Group II: 0 mg/kg/day							
646511	101	124	120	120	89	116	670
646549	69	66	69	45	31	61	341
646551	145	145	138	156	153	128	865
646565	137	146	147	145	128	95	798
646580	130	151	133	82	23	28	547
646581	119	126	102	101	136	149	733
646586	138	127	144	119	80	113	721
646613	116	139	175	144	139	145	858
646627	126	115	110	120	69	130	670
646652	128	140	143	125	122	77	735
Group VIII: 500 mg/kg/day							
646506	127	126	86	126	116	121	702
646508	129	137	133	104	155	145	803
646540	139	136	100	117	95	147	734
646542	122	117	102	108	139	112	700
646545	152	141	136	116	81	147	773
646548	137	146	123	131	122	113	772
646599	115	152	141	134	127	142	811
646618	120	144	118	156	162	86	786
646637	127	143	147	61	101	104	683
646650	135	143	172	137	153	70	810

APPENDIX K
INDIVIDUAL ANIMAL CLINICAL PATHOLOGY DATA

INDIVIDUAL ANIMAL CLINICAL PATHOLOGY DATA

EXPLANATORY NOTES

ABBREVIATIONS:

General:

ADEQ - adequate
CLOT - sample clotted
DECR - decreased
NSR - no sample received for testing
NT - not taken or not performed
OK - sample condition OK for testing
QNS - quantity not sufficient for testing
RNV - result not valid
UTD - unable to determine
> - greater than
< - less than

Individual Hematology Values:

COND - sample condition
RBC - red blood cell count
HGB - hemoglobin
HCT - hematocrit
MCV - mean corpuscular volume
MCH - mean corpuscular hemoglobin
MCHC - mean corpuscular hemoglobin concentration
RDW - red cell distribution width
ARET - absolute reticulocyte count
PLT - platelet count
WBC - white blood cell count
ANEU - absolute neutrophil (all forms)
ALYM - absolute lymphocyte
ANPR - absolute neutrophil precursor
AMON - absolute monocyte
AEOS - absolute eosinophil
ABAS - absolute basophil
ALUC - absolute large unstained cell
ABLT - absolute blast leukocyte
AMSC - absolute miscellaneous leukocyte
AHSN - absolute hypersegmented neutrophil
ABAN - absolute neutrophil band
AMET - absolute neutrophil metamyelocyte
AMYE - absolute neutrophil myelocyte
APRO - absolute neutrophil promyelocyte
AMYB - absolute neutrophil myeloblast
ARL - absolute reactive lymphocyte
AAL - absolute atypical lymphocyte
AIL - absolute immature lymphocyte
ACL - absolute clefted lymphocyte
ABLB - absolute lymphoblast
AIE - absolute immature eosinophil
AIM - absolute immature monocyte
APLA - absolute plasma cell count

INDIVIDUAL ANIMAL CLINICAL PATHOLOGY DATA

EXPLANATORY NOTES (CONTINUED)

ABBREVIATIONS: (Continued)

Individual Red Blood Cell Morphology Values:

NORM - normal
ANIS - anisocytosis
MIC - microcytes
MAC - macrocytes
POLY - polychromasia
HYPO - hypochromasia
ECHI - echinocytes
ACAN - acanthocytes
TARG - target cells
RX - rouleaux
HJB - Howell-Jolly body
SPEC - special observations
-- - not observed or not examined; see whole blood sample condition

Individual White Blood Cell / Platelet Morphology Values:

NORM - normal
SM - smudge white blood cells
TOX - toxic neutrophils
DB - Döhle bodies
VC - vacuolated cytoplasm
PC - platelet clumps (graded as 1 if present at any level)
PCE - platelet clumps / estimate
GP - giant platelets
BP - bizarre platelets
SPEC - special observations
-- - not observed or not examined; see whole blood sample condition

Individual Coagulation Values:

PHEM - plasma hemolysis
PLIP - plasma lipemia
PICT - plasma icterus
PT - prothrombin time
APTT - activated partial thromboplastin time
SPEC - special observations

INDIVIDUAL ANIMAL CLINICAL PATHOLOGY DATA

EXPLANATORY NOTES (CONTINUED)

ABBREVIATIONS: (Continued)

Individual Serum and Plasma Chemistry Values:

SHEM - serum hemolysis
SLIP - serum lipemia
SICT - serum icterus
AST - aspartate aminotransferase
ALT - alanine aminotransferase
SDH - sorbitol dehydrogenase
ALKP - alkaline phosphatase
BILI - total bilirubin
BUN - urea nitrogen
CREA - creatinine
CHOL - cholesterol
TRIG - triglycerides
GLUC - glucose
TP - total protein
ALB - albumin
GLOB - globulin
CALC - calcium
IPHS - inorganic phosphorous
NA - sodium
K - potassium
CL - chloride
PHEM - plasma hemolysis from blood sample for fluoride determination
PLIP - plasma lipemia from blood sample for fluoride determination
PICT - plasma icterus from blood sample for fluoride determination
PFLU - plasma fluoride
SPEC - special observations

Individual Urinalysis Values:

QUAL - quality (modifies color)
COL - color
CLAR - clarity
VOL - volume
UOSM - urine osmolality
SG - specific gravity
pH - the logarithm of the reciprocal of the hydrogen ion concentration
UGLU - urine glucose
KET - ketone
UBIL - urine bilirubin
BLD - blood
URO - urobilinogen
UFLU - urine fluoride
UMTP - urine protein
SPEC - special observations

Individual Urine Microscopic Examination Values:

EPIT - epithelial cells
UWBC - urine white blood cells
URBC - urine red blood cells
NCRY - normal crystals
MICR - microorganisms
SPER - sperm
SPEC - special observations

INDIVIDUAL ANIMAL CLINICAL PATHOLOGY DATA

EXPLANATORY NOTES (CONTINUED)

KEY:

Red Blood Cell Morphology Values, White Blood Cell / Platelet Morphology Values (with the exception of Platelet Clumps), and Special Observations:

- 1 - trace
- 2 - few
- 3 - moderate
- 4 - many

Platelet clumps will be graded as 1 if present in any amount.

Urine Microscopic Values:

EPIT per high power field (40x)	NCRY/MICR per high power field (40x)	SPERM/MUCUS per low power field (10x)	CASTS per low power field (10x)
few - 1-10	few - 1-25%/field	1 - 1-5	few - 1-10
moderate - 11-50	moderate - 26-50%/field	2 - 6-20	moderate - 11-50
many - >50	many - >50%/field	3 - >20	many - >50

NOTES:

When individual animal data are not reported, it may be due to one of the following reasons or other reasons, all of which are explained in the study records:

the sample was clotted (CLOT)
there was insufficient sample for testing (QNS)
a valid result could not be obtained (RNV)
the sample was not suitable for testing
the animal died prior to sample collection
no sample was available for testing (NSR)

When an individual observation was recorded as being less than a certain value, calculations were performed on half the recorded value. For example, if bilirubin was reported as <0.1, 0.05 was used for any calculations performed with that bilirubin data.

When an individual observation was recorded as being greater than a certain value, calculations were performed on the recorded value. For example, if specific gravity was reported as >1.083, 1.083 was used for any calculations performed with that specific gravity data.

H-24768: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Individual Hematology Values

Animal Number	COND	RBC x10 ⁶ /μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	ARET x10 ³ /μL	PLT x10 ³ /μL	WBC x10 ³ /μL
Male, Group: I - 0 mg/kg - Day 39											
646360	OK	7.75	14.4	46.2	59.6	18.5	31.1	10.7	187.	920	12.31
646367	OK	8.39	15.3	50.0	59.6	18.2	30.5	11.3	227.	1001	13.60
646374	OK	8.13	15.0	48.0	59.0	18.4	31.2	11.6	218.	1070	16.59
646379	OK	8.67	15.2	49.5	57.1	17.5	30.7	10.4	181.	810	14.58
646420	OK	7.78	13.8	45.3	58.3	17.7	30.4	11.2	181.	1067	14.78
646427	OK	8.54	15.5	49.7	58.2	18.2	31.3	11.8	215.	1050	16.16
646482	OK	7.96	14.9	47.4	59.6	18.7	31.3	10.9	142.	1186	12.78
646485	OK	8.30	15.1	48.7	58.7	18.3	31.1	10.6	194.	808	9.45
646489	OK	7.72	14.8	48.1	62.3	19.1	30.7	11.7	241.	964	12.27
646492	OK	7.86	14.5	45.9	58.5	18.4	31.5	11.1	212.	1257	15.66
Male, Group: III - 25 mg/kg - Day 39											
646370	OK	8.31	15.3	49.5	59.6	18.4	30.8	11.2	164.	RNV	16.20
646399	OK	7.70	14.9	47.0	60.9	19.3	31.6	10.9	202.	1197	16.29
646414	OK	7.58	14.2	46.2	60.9	18.8	30.8	11.8	252.	971	11.66
646421	OK	8.28	14.9	48.5	58.6	18.0	30.8	11.9	204.	983	12.51
646423	OK	8.10	14.8	48.6	60.0	18.3	30.5	11.2	192.	1381	17.12
646426	OK	8.38	15.1	48.8	58.2	18.0	30.9	11.2	191.	1137	19.78
646443	OK	7.94	15.0	48.0	60.5	18.9	31.3	11.2	190.	874	13.91
646454	OK	7.86	14.8	47.4	60.3	18.8	31.2	10.8	184.	RNV	22.81
646458	OK	7.73	13.9	46.6	60.3	18.0	29.9	13.7	492.	1139	14.05
646471	OK	7.50	14.7	45.8	61.2	19.7	32.1	11.4	206.	987	17.13

H-24768: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Individual Hematology Values

Animal Number	COND	RBC x10 ⁶ /μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	ARET x10 ³ /μL	PLT x10 ³ /μL	WBC x10 ³ /μL
Male, Group: V - 100 mg/kg - Day 39											
646349	OK	7.89	13.9	44.5	56.4	17.6	31.2	11.6	203.	1124	15.47
646373	OK	7.66	14.6	46.8	61.1	19.1	31.3	11.4	169.	978	15.18
646385	OK	7.90	15.5	48.8	61.8	19.6	31.7	11.5	191.	900	17.67
646435	OK	8.06	14.7	48.0	59.5	18.2	30.6	11.1	226.	1066	15.37
646455	OK	7.94	14.7	47.5	59.8	18.5	30.9	11.5	188.	1108	15.02
646456	OK	8.11	15.0	48.1	59.3	18.5	31.1	12.0	253.	RNV	18.02
646463	OK	8.22	15.5	48.6	59.1	18.8	31.9	10.9	193.	1130	11.79
646469	OK	8.43	14.5	46.5	55.2	17.2	31.2	11.5	209.	RNV	16.34
646472	OK	8.00	14.1	45.6	57.0	17.7	31.0	11.7	275.	943	14.41
646488	OK	8.15	14.9	47.1	57.8	18.3	31.6	12.0	213.	942	14.93
Male, Group: VII - 500 mg/kg - Day 39											
646343	OK	8.33	14.2	45.9	55.1	17.0	30.9	13.0	171.	807	16.69
646346	OK	8.52	14.4	45.6	53.6	16.9	31.6	11.1	202.	952	15.68
646347	OK	8.64	14.2	46.0	53.3	16.4	30.8	11.8	207.	1221	18.00
646388	OK	8.10	14.2	45.0	55.6	17.6	31.6	12.1	167.	1068	16.92
646407	OK	7.82	14.1	45.0	57.5	18.0	31.3	11.2	225.	1051	14.49
646413	OK	8.74	15.1	48.6	55.7	17.3	31.1	11.5	141.	881	17.26
646433	OK	7.89	13.9	44.0	55.8	17.6	31.6	13.0	248.	1186	13.47
646437	OK	7.92	14.0	46.0	58.0	17.7	30.5	13.1	265.	1020	21.05
646442	OK	8.45	14.4	46.3	54.8	17.0	31.0	12.2	316.	RNV	14.60
646475	OK	8.05	14.6	46.5	57.8	18.2	31.4	12.4	255.	1068	13.20

Individual Hematology Values

Animal Number	ANEU x10 ³ /μL	ANPR x10 ³ /μL	ALYM x10 ³ /μL	AMON x10 ³ /μL	AEOS x10 ³ /μL	ABAS x10 ³ /μL	ALUC x10 ³ /μL	ABLT x10 ³ /μL	AMSC x10 ³ /μL
Male, Group: I - 0 mg/kg - Day 39									
646360	1.22	NT	10.38	0.34	0.16	0.13	0.09	NT	NT
646367	1.86	NT	11.25	0.19	0.03	0.12	0.14	NT	NT
646374	1.21	NT	14.78	0.24	0.07	0.17	0.13	NT	NT
646379	1.04	NT	12.61	0.40	0.23	0.18	0.12	NT	NT
646420	2.26	NT	11.72	0.39	0.06	0.20	0.15	NT	NT
646427	1.11	NT	14.46	0.22	0.11	0.12	0.15	NT	NT
646482	1.59	NT	10.41	0.29	0.18	0.20	0.12	NT	NT
646485	1.87	NT	7.01	0.29	0.10	0.12	0.07	NT	NT
646489	1.12	NT	10.31	0.41	0.10	0.12	0.21	NT	NT
646492	1.76	NT	13.18	0.25	0.12	0.20	0.17	NT	NT
Male, Group: III - 25 mg/kg - Day 39									
646370	1.00	NT	14.44	0.37	0.12	0.11	0.17	NT	NT
646399	1.72	NT	13.73	0.39	0.10	0.18	0.16	NT	NT
646414	1.73	NT	8.94	0.47	0.16	0.20	0.16	NT	NT
646421	2.15	NT	9.65	0.35	0.09	0.17	0.10	NT	NT
646423	2.37	NT	13.75	0.52	0.16	0.18	0.14	NT	NT
646426	3.03	NT	15.75	0.53	0.05	0.17	0.26	NT	NT
646443	1.65	NT	11.54	0.36	0.07	0.16	0.12	NT	NT
646454	2.07	NT	19.74	0.48	0.11	0.19	0.23	NT	NT
646458	1.39	NT	11.87	0.33	0.11	0.16	0.20	NT	NT
646471	1.70	NT	14.41	0.48	0.13	0.17	0.24	NT	NT

Animal Number	Individual Hematology Values									
	ANEU x10 ³ /μL	ANPR x10 ³ /μL	ALYM x10 ³ /μL	AMON x10 ³ /μL	AEOS x10 ³ /μL	ABAS x10 ³ /μL	ALUC x10 ³ /μL	ABLT x10 ³ /μL	AMSC x10 ³ /μL	
Male, Group: V - 100 mg/kg - Day 39										
646349	2.65	NT	11.77	0.55	0.13	0.19	0.17	NT	NT	
646373	1.63	NT	12.61	0.47	0.13	0.19	0.15	NT	NT	
646385	2.38	NT	14.07	0.54	0.30	0.16	0.22	NT	NT	
646435	1.95	NT	12.53	0.48	0.07	0.13	0.22	NT	NT	
646455	1.53	NT	12.46	0.39	0.14	0.27	0.22	NT	NT	
646456	1.71	NT	15.46	0.45	0.14	0.14	0.12	NT	NT	
646463	0.98	NT	10.11	0.31	0.08	0.14	0.16	NT	NT	
646469	1.96	NT	13.44	0.49	0.10	0.13	0.21	NT	NT	
646472	1.23	NT	12.30	0.56	0.07	0.11	0.13	NT	NT	
646488	1.90	NT	11.93	0.77	0.12	0.13	0.09	NT	NT	
Male, Group: VII - 500 mg/kg - Day 39										
646343	1.46	NT	14.30	0.44	0.10	0.15	0.23	NT	NT	
646346	2.02	NT	12.62	0.64	0.15	0.12	0.14	NT	NT	
646347	1.51	NT	15.65	0.40	0.13	0.16	0.15	NT	NT	
646388	1.83	NT	14.07	0.63	0.11	0.14	0.14	NT	NT	
646407	1.65	NT	11.54	0.76	0.20	0.14	0.20	NT	NT	
646413	1.54	NT	14.90	0.39	0.14	0.11	0.17	NT	NT	
646433	1.46	NT	11.03	0.50	0.11	0.22	0.14	NT	NT	
646437	1.82	NT	17.93	0.66	0.23	0.25	0.16	NT	NT	
646442	1.03	NT	12.67	0.51	0.09	0.14	0.16	NT	NT	
646475	1.18	NT	11.27	0.24	0.21	0.12	0.19	NT	NT	

H-24768: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations
DuPont-5990

Animal Number	COND	RBC x10^6/μL	HGB g/dL	Individual Hematology Values							RDW %	ARET x10^3/μL	PLT x10^3/μL	WBC x10^3/μL
				HCT %	MCV fL	MCH pg	MCHC g/dL							
Male, Group: I - 0 mg/kg - Day 95														
646360	OK	8.26	15.2	46.2	55.9	18.4	32.9	12.4	223.		RNV	10.79		
646367	OK	8.54	15.5	48.1	56.3	18.2	32.3	12.5	216.		956	6.33		
646374	OK	8.91	15.6	48.2	54.2	17.5	32.3	14.2	225.		RNV	14.08		
646379	OK	9.24	16.0	49.6	53.7	17.4	32.3	12.3	156.		954	12.38		
646420	OK	8.04	14.2	44.4	55.2	17.7	32.0	13.7	171.		1241	30.78		
646427	OK	9.29	16.2	49.7	53.4	17.5	32.7	13.2	176.		RNV	12.48		
646482	OK	8.51	15.4	46.0	54.1	18.1	33.4	13.3	127.		RNV	7.92		
646485	OK	8.93	15.9	49.4	55.3	17.8	32.2	12.9	185.		1042	10.94		
646489	OK	8.34	15.3	47.6	57.1	18.3	32.1	14.9	201.		RNV	8.50		
646492	OK	8.27	14.6	44.4	53.7	17.6	32.8	14.1	230.		1414	13.42		
Male, Group: III - 25 mg/kg - Day 95														
646370	OK	8.73	15.6	47.5	54.4	17.9	33.0	12.9	171.		RNV	10.69		
646399	OK	8.58	15.7	48.1	56.1	18.3	32.6	13.1	205.		1232	15.69		
646414	OK	7.86	14.1	42.7	54.3	17.9	32.9	15.3	247.		1179	7.17		
646421	OK	8.51	15.0	45.7	53.7	17.7	32.9	14.5	207.		1033	9.16		
646423	OK	8.59	15.3	47.0	54.6	17.8	32.5	12.8	138.		1383	12.32		
646426	OK	9.34	16.3	49.4	52.9	17.4	32.9	13.9	176.		909	17.09		
646443	OK	8.31	15.1	46.8	56.3	18.1	32.2	13.2	160.		RNV	11.98		
646454	OK	8.61	15.4	46.7	54.3	17.9	33.0	12.5	152.		856	12.32		
646458	OK	9.06	15.4	47.3	52.2	17.0	32.5	14.8	176.		1110	11.19		
646471	OK	8.38	15.3	47.0	56.0	18.3	32.7	13.6	211.		1093	16.13		

H-24768: Subchronic Toxicity
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Individual Hematology Values

Animal Number	COND	RBC x10 ⁶ /μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	ARET x10 ³ /μL	PLT x10 ³ /μL	WBC x10 ³ /μL
Male, Group: V - 100 mg/kg - Day 95											
646349	OK	8.64	14.5	45.0	52.1	16.8	32.3	14.3	219.	1177	11.59
646373	OK	8.28	14.6	45.8	55.2	17.6	31.9	15.1	213.	1263	12.33
646385	OK	8.12	14.9	46.9	57.7	18.3	31.7	14.0	195.	965	15.36
646435	OK	8.18	14.1	43.9	53.7	17.3	32.2	13.6	266.	RNV	12.96
646455	OK	7.95	14.4	44.0	55.3	18.1	32.8	14.2	205.	1259	11.48
646456	OK	9.11	15.8	48.7	53.4	17.3	32.4	14.9	263.	1112	9.80
646463	OK	8.62	14.7	45.0	52.1	17.0	32.6	14.2	200.	1178	8.77
646469	OK	9.19	15.3	48.1	52.4	16.6	31.8	14.3	224.	986	12.08
646472	OK	7.84	13.6	42.5	54.2	17.3	31.9	13.8	353.	1211	12.34
646488	OK	9.02	15.3	47.5	52.7	17.0	32.2	14.2	216.	1315	9.85
Male, Group: VII - 500 mg/kg - Day 95											
646343	OK	9.06	14.0	43.5	48.0	15.5	32.2	14.9	207.	1018	14.86
646346	OK	9.03	14.7	44.3	49.0	16.2	33.1	13.4	200.	1083	9.25
646347	OK	9.62	14.2	45.7	47.5	14.8	31.1	14.8	227.	1491	12.29
646388	OK	9.09	14.1	44.5	49.0	15.5	31.7	16.3	244.	1380	11.72
646407	OK	8.39	14.4	44.8	53.5	17.1	32.1	14.5	254.	1253	10.71
646413	OK	8.56	13.4	42.2	49.3	15.6	31.7	14.7	250.	1330	12.44
646433	OK	8.91	14.2	44.5	50.0	16.0	32.0	15.5	262.	1267	12.06
646437	OK	8.48	14.5	44.9	52.9	17.1	32.4	14.8	236.	1147	15.73
646442	OK	8.90	14.1	45.9	51.6	15.8	30.7	15.6	371.	RNV	11.16
646475	OK	8.50	14.1	44.0	51.8	16.6	32.0	15.2	272.	RNV	12.90

Animal Number	Individual Hematology Values									
	ANEU x10 ³ /μL	ANPR x10 ³ /μL	ALYM x10 ³ /μL	AMON x10 ³ /μL	AEOS x10 ³ /μL	ABAS x10 ³ /μL	ALUC x10 ³ /μL	ABLT x10 ³ /μL	AMSC x10 ³ /μL	
Male, Group: I - 0 mg/kg - Day 95										
646360	1.55	NT	8.54	0.36	0.14	0.05	0.13	NT	NT	
646367	1.80	NT	4.24	0.09	0.06	0.06	0.08	NT	NT	
646374	1.36	NT	11.91	0.25	0.16	0.19	0.21	NT	NT	
646379	1.33	NT	10.25	0.25	0.21	0.17	0.17	NT	NT	
646420	19.35	NT	9.70	0.94	0.07	0.17	0.55	NT	NT	
646427	1.43	NT	10.54	0.22	0.14	0.04	0.11	NT	NT	
646482	1.12	NT	6.27	0.22	0.15	0.06	0.10	NT	NT	
646485	2.60	NT	7.76	0.25	0.11	0.11	0.10	NT	NT	
646489	1.18	NT	6.60	0.18	0.15	0.06	0.33	NT	NT	
646492	1.58	NT	11.07	0.27	0.17	0.14	0.18	NT	NT	
Male, Group: III - 25 mg/kg - Day 95										
646370	1.84	NT	8.39	0.19	0.09	0.07	0.11	NT	NT	
646399	2.82	NT	11.89	0.45	0.24	0.06	0.24	NT	NT	
646414	1.56	NT	5.27	0.13	0.09	0.04	0.09	NT	NT	
646421	1.91	NT	6.64	0.23	0.09	0.13	0.18	NT	NT	
646423	2.29	NT	9.30	0.22	0.26	0.14	0.11	NT	NT	
646426	2.22	NT	14.13	0.37	0.09	0.07	0.21	NT	NT	
646443	1.77	NT	9.35	0.44	0.11	0.13	0.18	NT	NT	
646454	1.44	NT	10.29	0.23	0.15	0.05	0.16	NT	NT	
646458	1.93	NT	8.64	0.23	0.11	0.08	0.19	NT	NT	
646471	2.16	NT	12.92	0.37	0.28	0.19	0.22	NT	NT	

H-24768: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Individual Hematology Values

Animal Number	ANEU x10 ³ /μL	ANPR x10 ³ /μL	ALYM x10 ³ /μL	AMON x10 ³ /μL	AEOS x10 ³ /μL	ABAS x10 ³ /μL	ALUC x10 ³ /μL	ABLT x10 ³ /μL	AMSC x10 ³ /μL
Male, Group: V - 100 mg/kg - Day 95									
646349	2.60	NT	8.15	0.34	0.20	0.09	0.21	NT	NT
646373	1.84	NT	9.78	0.22	0.20	0.11	0.18	NT	NT
646385	1.91	NT	12.64	0.36	0.28	0.08	0.09	NT	NT
646435	2.11	NT	10.27	0.27	0.09	0.07	0.16	NT	NT
646455	2.00	NT	8.75	0.35	0.14	0.16	0.08	NT	NT
646456	1.80	NT	7.38	0.19	0.20	0.07	0.17	NT	NT
646463	1.57	NT	6.54	0.27	0.11	0.05	0.22	NT	NT
646469	1.84	NT	9.61	0.26	0.15	0.07	0.15	NT	NT
646472	1.24	NT	10.35	0.37	0.10	0.05	0.24	NT	NT
646488	0.99	NT	8.32	0.23	0.12	0.12	0.07	NT	NT
Male, Group: VII - 500 mg/kg - Day 95									
646343	1.60	NT	12.36	0.28	0.19	0.26	0.18	NT	NT
646346	1.68	NT	7.04	0.27	0.11	0.04	0.11	NT	NT
646347	1.55	NT	9.97	0.27	0.25	0.12	0.14	NT	NT
646388	2.88	NT	8.13	0.29	0.10	0.06	0.25	NT	NT
646407	2.05	NT	7.98	0.20	0.14	0.15	0.19	NT	NT
646413	2.02	NT	9.82	0.19	0.16	0.09	0.17	NT	NT
646433	1.43	NT	9.79	0.34	0.16	0.12	0.21	NT	NT
646437	2.31	NT	12.30	0.49	0.17	0.22	0.24	NT	NT
646442	2.04	NT	8.48	0.24	0.14	0.13	0.13	NT	NT
646475	1.74	NT	10.38	0.25	0.31	0.03	0.18	NT	NT

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Individual Hematology Values

Animal Number	COND	RBC x10 ⁶ /μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	ARET x10 ³ /μL	PLT x10 ³ /μL	WBC x10 ³ /μL
Male, Group: I - 0 mg/kg - Day 123											
646371	OK	9.25	16.6	48.8	52.8	18.0	34.1	12.9	163.	RNV	8.62
646398	CLOT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646411	OK	8.18	15.1	44.9	54.9	18.4	33.5	12.7	201.	1002	7.60
646416	OK	8.67	14.8	44.2	51.0	17.1	33.5	12.5	190.	RNV	6.91
646432	OK	8.85	15.1	45.7	51.6	17.0	33.0	13.2	184.	1093	10.35
646446	OK	8.59	15.7	46.3	53.8	18.3	33.9	12.1	131.	RNV	14.71
646459	OK	8.42	15.2	45.8	54.4	18.1	33.2	13.1	235.	RNV	10.05
646460	OK	8.58	15.8	47.4	55.2	18.4	33.4	12.3	218.	RNV	20.40
646487	OK	7.93	14.7	44.6	56.2	18.5	32.9	13.1	229.	1188	15.47
646494	OK	9.10	15.1	45.8	50.3	16.6	33.0	12.7	136.	1106	9.00
Male, Group: VII - 500 mg/kg - Day 123											
646337	OK	9.22	14.6	45.1	48.9	15.8	32.4	16.7	200.	RNV	12.08
646364	OK	7.90	14.7	44.1	55.9	18.6	33.3	16.2	208.	1248	13.21
646369	OK	8.31	14.3	43.8	52.6	17.2	32.6	17.3	222.	1144	10.53
646372	OK	8.28	14.2	43.6	52.6	17.2	32.7	14.8	177.	1166	8.49
646384	OK	8.13	14.6	43.7	53.8	18.0	33.4	18.5	263.	1106	16.61
646397	OK	8.37	14.7	44.3	52.9	17.6	33.3	16.2	248.	RNV	8.25
646428	OK	7.99	14.3	43.6	54.6	18.0	32.9	14.9	209.	1094	13.64
646448	OK	8.82	15.5	47.4	53.8	17.6	32.6	17.1	266.	RNV	10.76
646474	OK	8.27	14.7	45.7	55.3	17.8	32.2	15.1	178.	1246	11.48
646484	OK	8.05	13.8	40.3	50.1	17.2	34.3	17.8	252.	1461	12.57

Individual Hematology Values

Animal Number	ANEU x10 ³ /μL	ANPR x10 ³ /μL	ALYM x10 ³ /μL	AMON x10 ³ /μL	AEOS x10 ³ /μL	ABAS x10 ³ /μL	ALUC x10 ³ /μL	ABLT x10 ³ /μL	AMSC x10 ³ /μL
Male, Group: I - 0 mg/kg - Day 123									
646371	1.00	NT	7.28	0.15	0.07	0.07	0.05	NT	NT
646398	NT	NT	NT	NT	NT	NT	NT	NT	NT
646411	1.34	NT	5.90	0.20	0.08	0.03	0.05	NT	NT
646416	1.68	NT	4.92	0.14	0.09	0.04	0.05	NT	NT
646432	1.76	NT	8.01	0.37	0.05	0.09	0.07	NT	NT
646446	1.30	NT	12.64	0.45	0.13	0.09	0.10	NT	NT
646459	1.28	NT	8.22	0.24	0.11	0.12	0.07	NT	NT
646460	6.74	NT	12.53	0.60	0.12	0.20	0.22	NT	NT
646487	1.53	NT	12.96	0.29	0.24	0.17	0.28	NT	NT
646494	1.27	NT	7.25	0.27	0.08	0.07	0.05	NT	NT
Male, Group: VII - 500 mg/kg - Day 123									
646337	1.33	NT	10.14	0.25	0.19	0.08	0.09	NT	NT
646364	1.85	NT	10.78	0.20	0.07	0.16	0.16	NT	NT
646369	1.71	NT	8.33	0.22	0.15	0.05	0.08	NT	NT
646372	1.63	NT	6.49	0.19	0.09	0.04	0.04	NT	NT
646384	2.37	NT	13.44	0.40	0.12	0.09	0.18	NT	NT
646397	1.63	NT	6.22	0.16	0.08	0.11	0.05	NT	NT
646428	2.11	NT	10.94	0.33	0.08	0.06	0.12	NT	NT
646448	2.21	NT	7.89	0.35	0.13	0.06	0.11	NT	NT
646474	2.42	NT	8.52	0.25	0.03	0.17	0.08	NT	NT
646484	2.98	NT	8.61	0.48	0.29	0.12	0.08	NT	NT

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Individual Hematology Values

Animal Number	COND	RBC x10 ⁶ /μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	ARET x10 ³ /μL	PLT x10 ³ /μL	WBC x10 ³ /μL
Male, Group: I - 0 mg/kg - Day 183											
646325	OK	8.80	15.1	46.5	52.8	17.2	32.5	13.9	149.	937	9.92
646396	OK	9.40	15.3	47.1	50.1	16.3	32.5	13.5	144.	1271	7.78
646468	OK	8.17	15.9	46.4	56.8	19.5	34.3	13.6	159.	934	10.38
646495	CLOT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Male, Group: III - 25 mg/kg - Day 183											
646368	OK	8.38	15.8	47.8	57.0	18.9	33.1	12.6	221.	1016	7.23
646436	OK	8.91	14.9	45.7	51.3	16.7	32.6	13.9	167.	1126	10.27
646438	OK	8.69	16.5	48.3	55.6	19.0	34.1	14.0	137.	1047	8.31
646449	OK	8.87	15.3	48.3	54.4	17.2	31.7	14.0	186.	1048	10.08
646453	OK	8.70	15.0	44.6	51.3	17.2	33.6	13.7	141.	1183	9.67
Male, Group: V - 100 mg/kg - Day 183											
646327	OK	9.20	15.8	50.8	55.2	17.2	31.1	15.5	224.	RNV	9.54
646335	OK	8.24	14.5	44.2	53.7	17.6	32.8	15.3	210.	1309	13.16
646376	OK	8.58	14.8	45.4	52.9	17.2	32.6	13.9	147.	1019	9.17
646403	OK	8.35	15.3	45.3	54.3	18.3	33.7	14.1	144.	RNV	9.40
Male, Group: VII - 500 mg/kg - Day 183											
646344	OK	8.33	16.1	50.4	60.5	19.3	31.9	13.4	203.	973	16.27
646355	OK	7.95	14.8	43.4	54.6	18.6	34.1	13.5	145.	1062	10.42
646361	OK	9.21	15.3	48.3	52.4	16.6	31.7	14.3	188.	1166	10.38
646391	CLOT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646466	OK	8.51	14.5	45.2	53.1	17.0	32.1	13.0	211.	1219	8.73

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Individual Hematology Values

Animal Number	ANEU x10 ³ /μL	ALYM x10 ³ /μL	AMON x10 ³ /μL	AEOS x10 ³ /μL	ABAS x10 ³ /μL	ALUC x10 ³ /μL	ABLT x10 ³ /μL	AHSN x10 ³ /μL	ABAN x10 ³ /μL	AMET x10 ³ /μL	AMEE x10 ³ /μL
Male, Group: I - 0 mg/kg - Day 183											
646325	2.03	7.23	0.32	0.14	0.10	0.09	NT	NT	NT	NT	NT
646396	1.92	5.27	0.22	0.16	0.03	0.19	NT	NT	NT	NT	NT
646468	1.75	7.69	0.42	0.09	0.25	0.17	NT	NT	NT	NT	NT
646495	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Male, Group: III - 25 mg/kg - Day 183											
646368	1.27	5.58	0.13	0.07	0.10	0.09	NT	NT	NT	NT	NT
646436	1.45	8.39	0.13	0.08	0.09	0.12	NT	NT	NT	NT	NT
646438	1.50	6.22	0.22	0.15	0.12	0.09	NT	NT	NT	NT	NT
646449	1.24	8.46	0.16	0.08	0.03	0.11	NT	NT	NT	NT	NT
646453	2.75	6.43	0.16	0.16	0.05	0.12	NT	NT	NT	NT	NT
Male, Group: V - 100 mg/kg - Day 183											
646327	2.53	6.49	0.24	0.11	0.09	0.09	NT	NT	NT	NT	NT
646335	2.13	10.38	0.22	0.14	0.09	0.18	NT	NT	NT	NT	NT
646376	2.15	6.68	0.12	0.11	0.06	0.05	NT	NT	NT	NT	NT
646403	2.49	6.40	0.20	0.09	0.12	0.09	NT	NT	NT	NT	NT
Male, Group: VII - 500 mg/kg - Day 183											
646344	1.76	13.72	0.49	0.11	0.11	0.10	NT	NT	NT	NT	NT
646355	2.81	7.29	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
646361	1.81	8.07	0.23	0.09	0.05	0.13	NT	NT	NT	NT	NT
646391	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646466	1.67	6.41	0.16	0.14	0.24	0.11	NT	NT	NT	NT	NT

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Animal Number	Individual Hematology Values									
	APRO x10 ³ /μL	AMVB x10 ³ /μL	ARL x10 ³ /μL	AAL x10 ³ /μL	AIL x10 ³ /μL	ACL x10 ³ /μL	ABLB x10 ³ /μL	AIE x10 ³ /μL	AIM x10 ³ /μL	APLA x10 ³ /μL
Male, Group: I - 0 mg/kg - Day 183										
646325	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646396	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646468	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646495	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Male, Group: III - 25 mg/kg - Day 183										
646368	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646436	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646438	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646449	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646453	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Male, Group: V - 100 mg/kg - Day 183										
646327	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646335	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646376	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646403	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Male, Group: VII - 500 mg/kg - Day 183										
646344	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646355	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
646361	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646391	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646466	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

H-24768: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations
DuPont-5990

Individual Hematology Values												
Animal Number	COND	RBC x10 ⁶ /μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	ARET x10 ³ /μL	PLT x10 ³ /μL	WBC x10 ³ /μL	
Female, Group: II - 0 mg/kg - Day 40												
646537	OK	7.52	14.3	44.1	58.7	19.0	32.4	10.3	202.	1068	7.42	
646538	OK	6.57	13.5	42.6	64.8	20.6	31.7	13.8	221.	RNV	11.03	
646560	OK	8.48	15.2	47.4	55.9	18.0	32.1	11.2	141.	1028	10.02	
646592	OK	8.14	15.0	45.5	55.9	18.5	33.1	11.2	186.	1200	11.44	
646612	OK	7.50	14.3	43.9	58.6	19.1	32.5	11.4	249.	1235	7.72	
646617	OK	8.04	14.8	46.4	57.8	18.4	31.8	10.3	136.	1053	11.28	
646649	OK	8.07	15.5	48.4	59.9	19.2	32.1	11.2	211.	1226	15.95	
646659	OK	7.98	14.7	45.7	57.2	18.4	32.1	10.5	205.	1193	14.30	
646665	OK	7.69	14.4	43.8	57.0	18.7	32.8	10.9	194.	1166	9.59	
646676	OK	8.07	15.1	48.2	59.7	18.7	31.3	12.0	243.	900	9.06	
Female, Group: IV - 25 mg/kg - Day 40												
646502	OK	8.20	14.4	45.8	55.9	17.6	31.4	10.9	189.	1434	16.45	
646522	OK	8.06	15.3	47.7	59.1	19.0	32.1	10.7	179.	RNV	10.32	
646567	OK	7.77	14.9	46.9	60.3	19.2	31.8	11.5	218.	1286	9.43	
646576	OK	7.77	14.8	45.3	58.3	19.1	32.7	10.7	126.	986	16.12	
646595	OK	7.60	14.1	44.4	58.4	18.5	31.7	11.5	155.	1323	9.50	
646621	OK	7.43	14.6	44.9	60.5	19.7	32.6	11.1	219.	1345	13.44	
646635	OK	7.56	14.2	44.4	58.8	18.7	31.8	11.5	204.	1220	12.06	
646660	OK	8.37	15.7	48.0	57.3	18.8	32.7	10.9	162.	RNV	18.03	
646664	OK	8.06	15.8	49.0	60.8	19.6	32.3	10.5	241.	RNV	16.19	
646673	OK	7.74	14.6	46.1	59.5	18.9	31.8	11.5	207.	1097	9.64	

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Individual Hematology Values												
Animal Number	COND	RBC x10 ⁶ /μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	ARET x10 ³ /μL	PLT x10 ³ /μL	WBC x10 ³ /μL	
Female, Group: VI - 100 mg/kg - Day 40												
646501	OK	6.60	12.4	38.8	58.8	18.8	32.1	11.8	172.	1111	14.21	
646505	OK	7.20	13.4	43.0	59.7	18.6	31.2	11.7	251.	1267	11.43	
646510	OK	6.74	13.6	42.1	62.4	20.2	32.3	11.7	209.	RNV	14.14	
646534	OK	7.88	14.3	45.0	57.1	18.1	31.7	10.6	172.	RNV	15.51	
646556	OK	7.30	13.4	42.9	58.8	18.3	31.2	13.2	273.	1169	11.58	
646578	OK	7.41	14.5	44.7	60.3	19.6	32.5	11.7	289.	962	13.73	
646608	OK	7.60	14.4	44.8	59.0	19.0	32.2	11.6	278.	RNV	19.08	
646624	OK	7.41	13.8	43.6	58.9	18.6	31.6	11.2	324.	1231	15.31	
646629	OK	7.50	14.0	44.4	59.1	18.6	31.5	11.5	172.	1309	11.56	
646633	OK	7.33	13.7	42.5	58.0	18.7	32.2	11.7	255.	RNV	10.89	
Female, Group: VIII - 500 mg/kg - Day 40												
646509	OK	6.86	13.1	41.3	60.1	19.0	31.7	11.7	248.	1215	11.78	
646535	OK	7.42	13.2	42.2	56.9	17.8	31.2	12.6	234.	RNV	15.41	
646536	OK	7.27	13.4	42.2	58.0	18.5	31.8	12.8	204.	1052	11.79	
646577	OK	7.29	12.9	41.3	56.6	17.7	31.4	12.9	260.	1428	18.31	
646593	CLOT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
646609	OK	7.81	14.5	48.3	61.9	18.5	30.0	13.9	309.	1334	16.90	
646610	OK	7.74	13.9	45.5	58.7	18.0	30.6	13.1	261.	RNV	14.29	
646614	OK	7.14	13.9	42.8	59.9	19.4	32.4	12.2	307.	RNV	14.43	
646657	OK	6.81	12.5	40.4	59.3	18.3	30.8	12.1	217.	1427	14.47	
646669	OK	7.03	12.6	39.3	55.9	17.9	32.1	11.9	226.	RNV	13.28	

Individual Hematology Values

Animal Number	ANEU x10 ³ /μL	ANPR x10 ³ /μL	ALYM x10 ³ /μL	AMON x10 ³ /μL	AEOS x10 ³ /μL	ABAS x10 ³ /μL	ALUC x10 ³ /μL	ABLT x10 ³ /μL	AMSC x10 ³ /μL
Female, Group: II - 0 mg/kg - Day 40									
646537	0.95	NT	6.19	0.12	0.04	0.06	0.06	NT	NT
646538	0.75	NT	9.93	0.17	0.03	0.05	0.10	NT	NT
646560	0.65	NT	8.53	0.20	0.13	0.13	0.37	NT	NT
646592	0.65	NT	10.14	0.35	0.10	0.06	0.13	NT	NT
646612	1.29	NT	5.85	0.29	0.07	0.10	0.12	NT	NT
646617	0.72	NT	9.81	0.39	0.17	0.08	0.10	NT	NT
646649	1.39	NT	13.83	0.27	0.09	0.16	0.20	NT	NT
646659	2.19	NT	11.32	0.30	0.12	0.17	0.20	NT	NT
646665	1.54	NT	7.40	0.15	0.08	0.11	0.32	NT	NT
646676	1.05	NT	7.18	0.37	0.24	0.09	0.12	NT	NT
Female, Group: IV - 25 mg/kg - Day 40									
646502	1.75	NT	13.70	0.54	0.08	0.14	0.24	NT	NT
646522	2.18	NT	7.65	0.18	0.08	0.11	0.11	NT	NT
646567	1.29	NT	7.56	0.28	0.07	0.11	0.12	NT	NT
646576	2.22	NT	12.97	0.44	0.16	0.10	0.24	NT	NT
646595	1.15	NT	7.60	0.41	0.11	0.10	0.13	NT	NT
646621	1.09	NT	11.57	0.28	0.21	0.13	0.16	NT	NT
646635	1.75	NT	9.42	0.54	0.07	0.08	0.20	NT	NT
646660	3.04	NT	13.67	0.67	0.31	0.18	0.15	NT	NT
646664	1.51	NT	13.73	0.44	0.13	0.18	0.19	NT	NT
646673	1.61	NT	7.62	0.17	0.08	0.07	0.09	NT	NT

Individual Hematology Values

Animal Number	ANEU x10 ³ /μL	ANPR x10 ³ /μL	ALYM x10 ³ /μL	AMON x10 ³ /μL	AEOS x10 ³ /μL	ABAS x10 ³ /μL	ALUC x10 ³ /μL	ABLT x10 ³ /μL	AMSC x10 ³ /μL
Female, Group: VI - 100 mg/kg - Day 40									
646501	0.79	NT	12.75	0.37	0.08	0.08	0.14	NT	NT
646505	1.71	NT	8.78	0.40	0.17	0.22	0.16	NT	NT
646510	1.09	NT	12.45	0.25	0.06	0.14	0.15	NT	NT
646534	1.64	NT	12.66	0.51	0.21	0.21	0.28	NT	NT
646556	1.17	NT	9.43	0.51	0.17	0.16	0.15	NT	NT
646578	1.46	NT	11.48	0.39	0.08	0.13	0.18	NT	NT
646608	2.80	NT	15.40	0.33	0.11	0.19	0.24	NT	NT
646624	2.44	NT	11.95	0.33	0.13	0.24	0.22	NT	NT
646629	1.10	NT	9.89	0.26	0.09	0.11	0.12	NT	NT
646633	0.90	NT	9.32	0.29	0.21	0.05	0.11	NT	NT
Female, Group: VIII - 500 mg/kg - Day 40									
646509	1.47	NT	9.68	0.36	0.08	0.09	0.10	NT	NT
646535	1.16	NT	13.43	0.37	0.20	0.09	0.16	NT	NT
646536	1.53	NT	9.39	0.44	0.20	0.09	0.14	NT	NT
646577	1.69	NT	15.78	0.33	0.12	0.15	0.25	NT	NT
646593	NT	NT	NT	NT	NT	NT	NT	NT	NT
646609	1.28	NT	14.82	0.38	0.11	0.08	0.24	NT	NT
646610	1.41	NT	12.04	0.49	0.12	0.10	0.13	NT	NT
646614	1.57	NT	11.99	0.48	0.07	0.12	0.20	NT	NT
646657	1.22	NT	12.27	0.37	0.12	0.22	0.28	NT	NT
646669	0.83	NT	11.72	0.29	0.08	0.13	0.22	NT	NT

H-24768: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations
DuPont-5990

Individual Hematology Values											
Animal Number	COND	RBC x10 ⁶ /μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	ARET x10 ³ /μL	PLT x10 ³ /μL	WBC x10 ³ /μL
Female, Group: II - 0 mg/kg - Day 96											
646537	OK	7.63	14.4	43.0	56.3	18.9	33.6	10.6	175.	1078	7.83
646538	OK	6.13	13.3	39.5	64.4	21.7	33.8	14.2	213.	122	8.23
646560	OK	8.46	15.4	45.7	54.1	18.3	33.8	11.6	130.	1067	7.94
646592	OK	8.22	15.4	44.9	54.6	18.7	34.3	12.0	153.	1066	11.27
646612	OK	7.64	14.9	43.9	57.4	19.5	33.9	11.1	154.	961	7.87
646617	OK	8.31	15.3	46.0	55.4	18.4	33.2	11.2	148.	896	9.84
646649	OK	8.30	15.7	47.3	57.0	19.0	33.3	12.0	189.	RNV	10.60
646659	OK	8.52	15.5	46.0	54.0	18.2	33.7	11.2	182.	RNV	10.21
646665	OK	7.31	14.0	41.4	56.6	19.1	33.8	11.3	179.	1137	7.55
646676	OK	8.60	16.1	48.0	55.7	18.7	33.5	12.2	160.	RNV	8.40
Female, Group: IV - 25 mg/kg - Day 96											
646502	OK	8.11	14.3	43.2	53.2	17.6	33.2	11.4	124.	1383	16.59
646522	OK	7.87	14.8	44.8	56.9	18.8	33.0	11.7	170.	1103	11.10
646567	OK	7.12	13.9	41.8	58.7	19.5	33.2	11.8	188.	1074	9.73
646576	CLOT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646595	OK	7.33	13.7	41.3	56.4	18.7	33.1	12.3	165.	RNV	6.93
646621	OK	7.83	15.5	45.9	58.5	19.8	33.7	12.0	182.	1166	13.77
646635	OK	7.64	13.9	42.3	55.4	18.2	32.9	12.4	158.	1049	7.76
646660	OK	8.22	15.4	45.9	55.9	18.8	33.6	11.9	165.	RNV	9.50
646664	OK	7.47	14.9	44.6	59.7	19.9	33.3	11.1	152.	897	9.37
646673	OK	7.37	14.3	42.4	57.5	19.4	33.7	11.9	212.	985	6.38

H-24768: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Individual Hematology Values

Animal Number	COND	RBC x10 ⁶ /μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	ARET x10 ³ /μL	PLT x10 ³ /μL	WBC x10 ³ /μL
Female, Group: VI - 100 mg/kg - Day 96											
646501	OK	6.30	11.5	34.9	55.5	18.3	33.0	13.7	182.	1164	10.65
646505	OK	6.93	12.7	39.2	56.6	18.4	32.5	12.7	171.	1312	10.98
646510	OK	6.86	13.5	40.6	59.2	19.7	33.4	13.0	180.	1484	9.90
646534	OK	7.65	13.9	40.0	52.2	18.2	34.8	11.8	118.	972	9.75
646556	OK	6.60	12.3	37.5	56.8	18.7	32.9	15.0	199.	1210	8.63
646578	OK	7.42	14.5	43.8	59.0	19.5	33.1	12.5	238.	964	12.23
646608	OK	7.49	14.4	42.6	57.0	19.2	33.8	12.5	188.	RNV	12.23
646624	OK	7.60	14.1	43.0	56.6	18.5	32.7	12.2	224.	1059	10.25
646629	OK	7.45	13.9	41.9	56.2	18.6	33.1	13.3	197.	1274	8.55
646633	OK	7.68	14.3	42.0	54.6	18.6	34.1	12.5	174.	RNV	6.98
Female, Group: VIII - 500 mg/kg - Day 96											
646509	OK	6.67	12.3	37.7	56.4	18.4	32.6	13.1	226.	1103	8.72
646535	OK	7.29	12.7	38.4	52.7	17.4	33.0	14.7	234.	1379	11.86
646536	OK	6.65	12.0	37.1	55.8	18.0	32.3	16.5	271.	RNV	7.10
646577	OK	7.39	12.8	38.9	52.6	17.3	33.0	14.5	171.	RNV	12.65
646593	OK	7.13	12.9	40.4	56.6	18.2	32.1	14.6	268.	RNV	11.15
646609	OK	7.33	13.5	41.6	56.7	18.4	32.5	15.6	275.	RNV	11.25
646610	OK	7.98	14.7	44.5	55.7	18.4	33.0	14.5	250.	1183	11.51
646614	OK	6.99	13.1	39.3	56.2	18.7	33.4	13.0	175.	1285	9.56
646657	OK	5.68	10.3	31.5	55.4	18.1	32.6	15.4	221.	1514	11.65
646669	OK	7.16	12.4	37.8	52.8	17.3	32.7	13.2	160.	1489	9.98

Individual Hematology Values

Animal Number	ANEU x10 ³ /μL	ANPR x10 ³ /μL	ALYM x10 ³ /μL	AMON x10 ³ /μL	AEOS x10 ³ /μL	ABAS x10 ³ /μL	ALUC x10 ³ /μL	ABLT x10 ³ /μL	AMSC x10 ³ /μL
Female, Group: II - 0 mg/kg - Day 96									
646537	1.05	NT	6.20	0.26	0.05	0.14	0.13	NT	NT
646538	0.78	NT	7.05	0.15	0.03	0.07	0.16	NT	NT
646560	0.68	NT	6.71	0.21	0.14	0.04	0.15	NT	NT
646592	0.79	0.00	9.47	0.79	0.11	0.11	0.00	0.00	0.00
646612	1.17	NT	6.11	0.25	0.08	0.12	0.13	NT	NT
646617	0.72	NT	8.44	0.24	0.17	0.16	0.11	NT	NT
646649	0.99	NT	9.17	0.12	0.07	0.11	0.13	NT	NT
646659	0.93	NT	8.61	0.30	0.10	0.15	0.11	NT	NT
646665	1.60	NT	5.36	0.25	0.07	0.08	0.18	NT	NT
646676	1.17	NT	6.51	0.28	0.22	0.07	0.16	NT	NT
Female, Group: IV - 25 mg/kg - Day 96									
646502	2.23	NT	12.88	0.92	0.14	0.18	0.25	NT	NT
646522	1.63	NT	8.90	0.23	0.15	0.10	0.10	NT	NT
646567	1.97	NT	7.19	0.31	0.07	0.07	0.13	NT	NT
646576	NT	NT	NT	NT	NT	NT	NT	NT	NT
646595	0.79	NT	5.52	0.31	0.07	0.08	0.15	NT	NT
646621	1.21	NT	11.47	0.53	0.20	0.16	0.21	NT	NT
646635	1.26	NT	5.78	0.37	0.11	0.11	0.13	NT	NT
646660	1.80	NT	7.01	0.30	0.11	0.17	0.10	NT	NT
646664	1.02	NT	7.88	0.15	0.12	0.10	0.09	NT	NT
646673	0.65	NT	5.19	0.22	0.05	0.11	0.16	NT	NT

Animal Number	Individual Hematology Values									
	ANEU x10 ³ /μL	ANPR x10 ³ /μL	ALYM x10 ³ /μL	AMON x10 ³ /μL	AEOS x10 ³ /μL	ABAS x10 ³ /μL	ALUC x10 ³ /μL	ABLT x10 ³ /μL	AMSC x10 ³ /μL	
Female, Group: VI - 100 mg/kg - Day 96										
646501	1.20	NT	8.75	0.34	0.08	0.05	0.22	NT	NT	NT
646505	2.10	NT	7.87	0.44	0.25	0.08	0.23	NT	NT	NT
646510	0.51	NT	8.81	0.23	0.06	0.16	0.13	NT	NT	NT
646534	1.57	NT	7.50	0.36	0.13	0.03	0.17	NT	NT	NT
646556	1.07	NT	6.91	0.33	0.12	0.07	0.13	NT	NT	NT
646578	1.00	NT	10.57	0.25	0.06	0.12	0.25	NT	NT	NT
646608	1.41	NT	10.22	0.27	0.12	0.07	0.15	NT	NT	NT
646624	0.89	NT	8.57	0.31	0.16	0.11	0.22	NT	NT	NT
646629	0.62	NT	7.30	0.19	0.20	0.05	0.19	NT	NT	NT
646633	1.31	NT	5.23	0.16	0.17	0.03	0.08	NT	NT	NT
Female, Group: VIII - 500 mg/kg - Day 96										
646509	1.24	NT	6.93	0.26	0.05	0.09	0.16	NT	NT	NT
646535	1.30	NT	10.00	0.19	0.12	0.11	0.13	NT	NT	NT
646536	0.54	NT	6.08	0.17	0.15	0.04	0.12	NT	NT	NT
646577	0.80	NT	11.01	0.30	0.20	0.07	0.27	NT	NT	NT
646593	0.96	NT	9.57	0.27	0.09	0.08	0.19	NT	NT	NT
646609	1.40	NT	9.20	0.28	0.11	0.10	0.16	NT	NT	NT
646610	2.10	NT	8.60	0.38	0.22	0.11	0.11	NT	NT	NT
646614	1.01	NT	7.87	0.23	0.12	0.09	0.23	NT	NT	NT
646657	2.04	NT	8.82	0.35	0.16	0.02	0.25	NT	NT	NT
646669	0.81	NT	8.60	0.29	0.10	0.06	0.12	NT	NT	NT

Individual Hematology Values

Animal Number	COND	RBC x10 ⁶ /μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	ARET x10 ³ /μL	PLT x10 ³ /μL	WBC x10 ³ /μL
Female, Group: II - 0 mg/kg - Day 124											
646511	OK	7.94	14.7	43.3	54.5	18.6	34.1	11.7	137.	RNV	11.09
646549	OK	7.65	14.3	43.5	56.9	18.8	32.9	12.3	130.	RNV	7.80
646551	OK	8.07	14.9	45.2	56.0	18.4	32.9	12.0	170.	980	9.86
646565	OK	8.87	15.9	48.3	54.5	17.9	32.9	12.7	183.	RNV	8.77
646580	OK	8.93	15.9	47.8	53.5	17.8	33.3	12.1	188.	1242	13.29
646581	OK	8.30	15.7	48.4	58.4	18.9	32.4	12.0	204.	789	9.91
646586	OK	7.94	14.7	43.9	55.4	18.5	33.4	12.1	140.	839	6.13
646613	OK	8.30	15.9	51.0	61.4	19.2	31.3	11.3	166.	RNV	5.54
646627	OK	8.10	15.2	46.2	57.1	18.7	32.8	12.0	187.	812	6.50
646652	OK	7.61	14.0	42.4	55.7	18.4	33.1	12.0	139.	RNV	7.92
Female, Group: VIII - 500 mg/kg - Day 124											
646506	OK	8.74	15.9	46.8	53.5	18.2	34.0	11.8	131.	RNV	6.93
646508	OK	7.40	13.8	40.5	54.8	18.7	34.1	13.7	154.	842	10.00
646540	OK	8.05	14.9	45.2	56.2	18.5	32.9	13.4	124.	752	9.85
646542	OK	8.22	14.9	46.8	56.9	18.1	31.8	13.2	185.	1181	5.33
646545	OK	7.41	13.4	40.7	55.0	18.0	32.8	12.8	137.	1151	9.55
646548	OK	7.42	13.8	41.2	55.5	18.6	33.4	14.5	152.	1157	5.72
646599	OK	8.00	14.2	43.1	53.9	17.7	32.9	12.4	114.	RNV	5.28
646618	OK	8.49	15.0	46.6	54.9	17.7	32.3	12.8	187.	1068	6.55
646637	OK	7.89	15.1	46.6	59.1	19.2	32.5	13.2	176.	RNV	7.48
646650	OK	8.75	16.0	47.9	54.8	18.3	33.3	12.3	115.	RNV	7.57

Individual Hematology Values

Animal Number	ANEU x10 ³ /μL	ANPR x10 ³ /μL	ALYM x10 ³ /μL	AMON x10 ³ /μL	AEOS x10 ³ /μL	ABAS x10 ³ /μL	ALUC x10 ³ /μL	ABLT x10 ³ /μL	AMSC x10 ³ /μL
Female, Group: II - 0 mg/kg - Day 124									
646511	1.41	NT	9.07	0.31	0.08	0.12	0.10	NT	NT
646549	1.59	NT	5.77	0.21	0.15	0.04	0.04	NT	NT
646551	0.60	NT	8.82	0.19	0.06	0.10	0.09	NT	NT
646565	0.99	NT	7.29	0.28	0.11	0.05	0.05	NT	NT
646580	1.56	NT	10.99	0.27	0.12	0.28	0.08	NT	NT
646581	0.76	NT	8.77	0.18	0.04	0.07	0.10	NT	NT
646586	1.31	NT	4.51	0.15	0.04	0.06	0.05	NT	NT
646613	1.09	NT	4.17	0.10	0.08	0.09	0.02	NT	NT
646627	0.83	NT	5.23	0.18	0.07	0.13	0.06	NT	NT
646652	1.34	NT	6.10	0.21	0.17	0.03	0.07	NT	NT
Female, Group: VIII - 500 mg/kg - Day 124									
646506	2.10	NT	4.56	0.10	0.11	0.02	0.04	NT	NT
646508	1.54	NT	7.81	0.33	0.11	0.10	0.11	NT	NT
646540	1.12	NT	8.08	0.40	0.09	0.05	0.11	NT	NT
646542	0.74	NT	4.22	0.16	0.06	0.09	0.06	NT	NT
646545	2.07	NT	6.68	0.45	0.09	0.15	0.11	NT	NT
646548	0.71	NT	4.66	0.20	0.07	0.04	0.05	NT	NT
646599	0.71	NT	4.27	0.11	0.08	0.06	0.04	NT	NT
646618	0.92	NT	5.36	0.10	0.04	0.08	0.05	NT	NT
646637	1.22	NT	5.78	0.22	0.12	0.08	0.06	NT	NT
646650	2.01	NT	5.10	0.18	0.16	0.07	0.04	NT	NT

H-24768: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations
DuPont-5990

Individual Hematology Values											
Animal Number	COND	RBC x10 ⁶ /μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	ARET x10 ³ /μL	PLT x10 ³ /μL	WBC x10 ³ /μL
Female, Group: II - 0 mg/kg - Day 183											
646507	CLOT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646530	OK	8.16	14.9	44.4	54.4	18.3	33.6	11.7	155.	951	8.31
646588	OK	7.84	15.6	44.8	57.1	19.9	34.8	12.4	182.	1211	8.64
646597	OK	7.98	15.3	44.8	56.2	19.2	34.1	13.3	130.	1091	7.47
Female, Group: IV - 25 mg/kg - Day 183											
646531	OK	8.30	15.7	46.6	56.2	18.9	33.7	11.5	155.	RNV	8.36
646568	OK	7.36	14.6	43.8	59.5	19.8	33.3	13.1	172.	RNV	7.54
646625	CLOT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646626	OK	7.97	15.7	47.4	59.5	19.7	33.1	11.9	158.	937	6.66
646636	OK	8.25	16.0	47.4	57.4	19.4	33.8	12.1	135.	903	5.94
Female, Group: VI - 100 mg/kg - Day 183											
646533	CLOT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646630	CLOT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646632	OK	8.16	14.4	43.2	53.0	17.6	33.3	12.2	136.	1330	4.76
646634	OK	7.62	14.3	42.1	55.2	18.8	34.0	11.9	167.	1285	8.19
646656	CLOT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Female, Group: VIII - 500 mg/kg - Day 183											
646523	OK	7.95	14.0	42.6	53.6	17.6	32.9	12.7	150.	RNV	6.27
646528	OK	8.35	15.4	46.2	55.3	18.4	33.4	11.9	165.	1708	12.02
646601	CLOT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646620	CLOT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646667	OK	7.87	15.3	45.3	57.6	19.4	33.8	12.8	186.	RNV	8.21

H-24768: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Animal Number	Individual Hematology Values										AMET x10^3/μL	ABAN x10^3/μL	AHSN x10^3/μL	ABLT x10^3/μL	ALUC x10^3/μL	ABAS x10^3/μL	AEOS x10^3/μL	AMON x10^3/μL	ALYM x10^3/μL	ANEU x10^3/μL
Female, Group: II - 0 mg/kg - Day 183																				
646507	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646530	1.87	5.97	0.20	0.17	0.03	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.03	0.17	0.20	5.97	1.87
646588	1.78	6.26	0.24	0.10	0.15	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.15	0.10	0.24	6.26	1.78
646597	1.09	5.80	0.23	0.21	0.06	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.06	0.21	0.23	5.80	1.09
Female, Group: IV - 25 mg/kg - Day 183																				
646531	1.00	6.95	0.13	0.08	0.13	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.13	0.08	0.13	6.95	1.00
646568	1.74	5.19	0.22	0.14	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.14	0.22	5.19	1.74
646625	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646626	1.31	4.82	0.24	0.07	0.07	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.07	0.07	0.24	4.82	1.31
646636	0.86	4.68	0.14	0.14	0.04	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.04	0.14	0.14	4.68	0.86
Female, Group: VI - 100 mg/kg - Day 183																				
646533	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646630	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646632	0.90	3.62	0.19	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.19	3.62	0.90
646634	2.04	5.69	0.17	0.13	0.05	0.11	0.11	0.11	0.11	0.11	0.05	0.05	0.05	0.05	0.05	0.05	0.13	0.17	5.69	2.04
646656	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Female, Group: VIII - 500 mg/kg - Day 183																				
646523	2.23	3.68	0.16	0.13	0.03	0.05	0.05	0.05	0.05	0.05	0.03	0.03	0.03	0.03	0.03	0.03	0.13	0.16	3.68	2.23
646528	1.66	9.57	0.32	0.14	0.19	0.12	0.12	0.12	0.12	0.12	0.19	0.19	0.19	0.19	0.19	0.19	0.14	0.32	9.57	1.66
646601	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646620	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646667	1.97	5.54	0.29	0.16	0.09	0.16	0.16	0.16	0.16	0.16	0.09	0.09	0.09	0.09	0.09	0.09	0.16	0.29	5.54	1.97

H-24768: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

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Animal Number	Individual Hematology Values									
	APRO x10 ³ /μL	AMYB x10 ³ /μL	ARL x10 ³ /μL	AAL x10 ³ /μL	AIL x10 ³ /μL	ACL x10 ³ /μL	ABL x10 ³ /μL	AIE x10 ³ /μL	AIM x10 ³ /μL	APLA x10 ³ /μL
Female, Group: II - 0 mg/kg - Day 183										
646507	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646530	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646588	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646597	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Female, Group: IV - 25 mg/kg - Day 183										
646531	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646568	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646625	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646626	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646636	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Female, Group: VI - 100 mg/kg - Day 183										
646533	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646630	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646632	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
646634	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646656	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Female, Group: VIII - 500 mg/kg - Day 183										
646523	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646528	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646601	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646620	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
646667	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

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Animal Number	NORM	ANIS	MIC	MAC	POLY	HYPO	ECHI	ACAN	TARG	RX	HUB
Male, Group: I - 0 mg/kg - Day 39											
646360	--	--	--	--	1	--	3	1	--	--	--
646367	--	--	--	--	1	--	--	--	--	--	--
646374	--	--	--	--	1	--	1	1	--	--	--
646379	--	--	--	--	1	--	1	--	--	--	--
646420	--	--	--	--	1	--	2	1	--	--	--
646427	--	--	--	--	2	--	--	2	--	--	--
646482	--	--	--	--	--	--	--	1	--	--	--
646485	--	--	--	--	1	--	1	--	--	--	--
646489	--	--	--	--	2	--	2	1	--	--	--
646492	--	--	--	--	1	--	--	1	--	--	--
Male, Group: III - 25 mg/kg - Day 39											
646370	--	--	--	--	1	--	--	--	--	--	--
646399	--	1	--	1	1	--	--	1	--	--	--
646414	--	--	--	--	2	--	2	1	--	--	--
646421	--	--	--	--	1	--	1	1	--	--	--
646423	--	--	--	--	2	--	2	--	--	--	--
646426	--	--	--	--	1	--	--	--	--	--	--
646443	--	--	--	--	1	--	2	--	--	--	--
646454	--	--	--	--	1	--	--	--	--	--	--
646458	--	--	--	--	2	1	2	1	--	--	--
646471	--	--	--	--	1	--	1	--	--	--	--

H-24768: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations
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Individual Red Blood Cell Morphology Values

Animal Number	NORM	ANIS	MIC	MAC	POLY	HYPO	ECHI	ACAN	TARG	RX	HJB
Male, Group: V - 100 mg/kg - Day 39											
646349	--	--	--	--	1	1	2	1	--	--	--
646373	--	--	--	--	1	--	2	1	--	--	--
646385	--	--	--	--	1	--	3	1	--	--	--
646435	--	--	--	--	1	--	--	1	--	--	--
646455	--	--	--	--	1	--	1	--	--	--	--
646456	--	--	--	--	1	--	3	2	--	--	--
646463	--	--	--	--	--	--	2	1	--	--	--
646469	--	--	--	--	1	--	3	1	--	--	1
646472	--	--	--	--	2	--	2	--	--	--	--
646488	--	--	--	--	1	--	2	1	--	--	--
Male, Group: VII - 500 mg/kg - Day 39											
646343	--	--	--	--	--	--	1	1	--	--	--
646346	--	--	--	--	1	--	2	--	--	--	--
646347	--	--	--	--	1	--	2	1	--	--	--
646388	--	--	--	--	1	--	--	1	--	--	--
646407	--	--	--	--	1	--	3	1	--	--	--
646413	--	--	--	--	1	--	1	1	--	--	--
646433	--	--	--	--	2	1	2	1	--	--	--
646437	--	--	--	--	1	--	1	1	--	--	--
646442	--	--	--	--	2	--	1	1	--	--	--
646475	--	--	--	--	2	--	3	2	--	--	--

Individual Red Blood Cell Morphology Values

Animal Number	SPEC
------------------	------

Male, Group: I - 0 mg/kg - Day 39

646360
646367
646374
646379
646420
646427
646482
646485
646489
646492

Male, Group: III - 25 mg/kg - Day 39

646370
646399
646414
646421
646423
646426
646443
646454
646458
646471

Individual Red Blood Cell Morphology Values

Animal Number	SPEC
------------------	------

Male, Group: V - 100 mg/kg - Day 39

646349
646373
646385
646435
646455
646456
646463
646469
646472
646488

Male, Group: VII - 500 mg/kg - Day 39

646343
646346
646347
646388
646407
646413
646433
646437
646442
646475

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Individual Red Blood Cell Morphology Values

Animal Number	NORM	ANIS	MIC	MAC	POLY	HYPO	ECHI	ACAN	TARG	RX	HJB
Male, Group: I - 0 mg/kg - Day 95											
646360	--	--	--	--	1	--	2	1	--	--	--
646367	NORMAL	--	--	--	--	--	--	--	--	--	--
646374	--	--	--	--	2	--	3	2	--	--	--
646379	--	--	--	--	--	--	--	1	--	--	--
646420	--	--	--	--	2	--	3	2	--	--	--
646427	--	--	--	--	2	--	2	1	--	--	--
646482	--	--	--	--	--	--	2	1	--	--	--
646485	--	--	--	--	1	--	--	--	--	--	--
646489	--	--	--	--	3	--	2	2	--	--	--
646492	--	--	--	--	1	--	1	1	--	--	--
Male, Group: III - 25 mg/kg - Day 95											
646370	NORMAL	--	--	--	--	--	--	--	--	--	--
646399	--	--	--	--	2	--	2	1	--	--	1
646414	--	--	--	--	3	--	3	2	--	--	--
646421	--	--	--	--	2	--	2	1	--	--	--
646423	--	--	--	--	--	--	--	1	--	--	--
646426	--	--	--	--	2	--	2	1	--	--	--
646443	--	--	--	--	3	--	2	1	--	--	--
646454	--	--	--	--	1	--	2	--	--	--	--
646458	--	--	--	--	1	--	3	3	--	--	--
646471	--	--	--	--	1	--	1	1	--	--	--

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90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations
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Animal Number	NORM	ANIS	MIC	Individual Red Blood Cell Morphology Values								RX	HJB
				MAC	POLY	HYPO	ECHI	ACAN	TARG				
Male, Group: V - 100 mg/kg - Day 95													
646349	--	1	1	--	2	--	4	2	--	--	--	--	
646373	--	--	--	--	2	--	2	1	--	--	--	--	
646385	--	--	--	--	3	--	2	2	--	--	--	--	
646435	--	--	--	--	2	--	2	1	--	--	--	--	
646455	--	--	--	--	2	--	3	2	--	--	--	--	
646456	--	--	--	--	2	--	3	2	--	--	--	--	
646463	--	1	1	--	2	--	3	2	--	--	--	--	
646469	--	--	--	--	1	--	3	2	--	--	--	--	
646472	--	--	--	--	2	--	3	1	--	--	--	--	
646488	--	--	--	--	3	--	3	2	--	--	--	--	
Male, Group: VII - 500 mg/kg - Day 95													
646343	--	--	--	--	2	2	1	2	--	--	--	--	
646346	--	1	1	--	3	--	3	2	--	--	--	--	
646347	--	1	1	--	2	--	1	1	--	--	--	--	
646388	--	2	2	--	2	--	3	2	--	--	--	--	
646407	--	--	--	--	--	--	3	2	--	--	--	--	
646413	--	1	1	--	3	2	2	3	--	--	--	--	
646433	--	--	--	--	3	--	2	2	--	--	--	--	
646437	--	--	--	--	2	--	--	2	--	--	--	--	
646442	--	--	--	--	3	1	2	1	--	--	--	--	
646475	--	1	1	--	3	2	4	3	--	--	--	--	

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Individual Red Blood Cell Morphology Values

Animal Number	SPEC
1	1
2	1
3	1
4	1
5	1
6	1
7	1
8	1
9	1
10	1
11	1
12	1
13	1
14	1
15	1
16	1
17	1
18	1
19	1
20	1
21	1
22	1
23	1
24	1
25	1
26	1
27	1
28	1
29	1
30	1
31	1
32	1
33	1
34	1
35	1
36	1
37	1
38	1
39	1
40	1
41	1
42	1
43	1
44	1
45	1
46	1
47	1
48	1
49	1
50	1
51	1
52	1
53	1
54	1
55	1
56	1
57	1
58	1
59	1
60	1
61	1
62	1
63	1
64	1
65	1
66	1
67	1
68	1
69	1
70	1
71	1
72	1
73	1
74	1
75	1
76	1
77	1
78	1
79	1
80	1
81	1
82	1
83	1
84	1
85	1
86	1
87	1
88	1
89	1
90	1
91	1
92	1
93	1
94	1
95	1
96	1
97	1
98	1
99	1
100	1

Male, Group: I - 0 mg/kg - Day 95

646360
646367
646374
646379
646420
646427
646482
646485
646489
646492

1-SPHEROCYTE

Male, Group: III - 25 mg/kg - Day 95

646370
646399
646414
646421
646423
646426
646443
646454
646458
646471

Individual Red Blood Cell Morphology Values

Animal Number	SPEC
Male, Group: V - 100 mg/kg - Day 95	
646349	1-SPHEROCYTE
646373	1-SPHEROCYTE
646385	1-SPHEROCYTE
646435	1-SPHEROCYTE
646455	
646456	
646463	1-SPHEROCYTE
646469	
646472	
646488	
Male, Group: VII - 500 mg/kg - Day 95	
646343	
646346	1-SPHEROCYTE
646347	
646388	2-SPHEROCYTE
646407	
646413	
646433	
646437	
646442	
646475	1-SPHEROCYTE

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Individual Red Blood Cell Morphology Values

Animal Number	NORM	ANIS	MIC	MAC	POLY	HYP0	ECH1	ACAN	TARG	RX	HJB
Male, Group: I - 0 mg/kg - Day 123											
646371	--	--	--	--	1	--	2	1	--	--	--
646398	--	--	--	--	--	--	--	--	--	--	--
646411	--	--	--	--	1	--	1	--	--	--	--
646416	--	--	--	--	--	--	2	1	--	--	--
646432	--	--	--	--	1	--	--	1	--	--	--
646446	--	--	--	--	--	--	1	--	--	--	--
646459	--	--	--	--	1	--	--	1	--	--	--
646460	--	--	--	--	1	--	2	--	--	--	--
646487	--	--	--	--	1	--	2	1	--	--	--
646494	--	--	--	--	1	--	--	2	--	--	--
Male, Group: VII - 500 mg/kg - Day 123											
646337	--	--	--	--	1	--	2	2	--	--	--
646364	--	--	--	--	1	--	2	4	--	--	--
646369	--	--	--	--	1	--	1	3	--	--	--
646372	--	--	--	--	1	--	--	2	--	--	--
646384	--	2	1	1	2	--	2	4	--	--	--
646397	--	--	--	--	2	--	1	4	--	--	1
646428	--	--	--	--	1	--	1	1	--	--	--
646448	--	1	1	--	1	--	1	3	--	--	--
646474	--	--	--	--	1	--	--	3	--	--	--
646484	--	2	1	1	2	--	1	4	--	--	--

Individual Red Blood Cell Morphology Values

Animal Number	SPEC
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Male, Group: I - 0 mg/kg - Day 123

646371
646398
646411
646416
646432
646446
646459
646460
646487
646494

Male, Group: VII - 500 mg/kg - Day 123

646337
646364
646369
646372
646384
646397
646428
646448
646474
646484

H-24768: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations
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Individual Red Blood Cell Morphology Values											
Animal Number	NORM	ANIS	MIC	MAC	POLY	HYPO	ECHI	ACAN	TARG	RX	HJB
Male, Group: I - 0 mg/kg - Day 183											
646325	NO	--	--	--	TRACE	--	TRACE	FEW	--	--	--
646396	NO	--	--	--	TRACE	--	TRACE	MODERATE	--	--	--
646468	NO	--	--	--	TRACE	--	--	TRACE	--	--	--
646495	--	--	--	--	--	--	--	--	--	--	--
Male, Group: III - 25 mg/kg - Day 183											
646368	NO	--	--	--	TRACE	--	TRACE	FEW	--	--	--
646436	NO	--	--	--	TRACE	--	TRACE	MODERATE	--	--	--
646438	NO	--	--	--	TRACE	--	TRACE	TRACE	--	--	--
646449	NO	--	--	--	TRACE	--	MODERATE	FEW	--	--	--
646453	NO	--	--	--	TRACE	--	MODERATE	FEW	--	--	--
Male, Group: V - 100 mg/kg - Day 183											
646327	NO	TRACE	TRACE	--	TRACE	--	FEW	FEW	--	--	--
646335	NO	TRACE	TRACE	--	TRACE	--	FEW	MODERATE	--	--	--
646376	NO	--	--	--	TRACE	--	FEW	FEW	--	--	--
646403	NO	--	--	--	TRACE	--	FEW	FEW	--	--	--
Male, Group: VII - 500 mg/kg - Day 183											
646344	NO	--	--	--	TRACE	--	TRACE	FEW	--	--	--
646355	NO	--	--	--	TRACE	--	TRACE	TRACE	--	--	--
646361	NO	TRACE	TRACE	--	TRACE	--	MODERATE	MODERATE	--	--	--
646391	--	--	--	--	--	--	--	--	--	--	--
646466	NO	--	--	--	TRACE	--	--	TRACE	--	--	--

Individual Red Blood Cell Morphology Values

Animal Number	SPEC
Male, Group: I - 0 mg/kg - Day 183	
646325	
646396	
646468	
646495	
Male, Group: III - 25 mg/kg - Day 183	
646368	
646436	
646438	
646449	TRACE-POIKILOCYTOSIS
646453	
Male, Group: V - 100 mg/kg - Day 183	
646327	
646335	TRACE-SPHEROCYTE,TRACE-POIKILOCYTOSIS
646376	
646403	
Male, Group: VII - 500 mg/kg - Day 183	
646344	
646355	TRACE-POIKILOCYTOSIS
646361	
646391	
646466	

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Individual Red Blood Cell Morphology Values

Animal Number	NORM	ANIS	MIC	MAC	POLY	HYP0	ECH1	ACAN	TARG	RX	HJB
Female, Group: II - 0 mg/kg - Day 40											
646537	--	--	--	--	2	--	--	--	--	--	--
646538	--	1	--	1	2	--	2	1	--	--	1
646560	--	--	--	--	--	--	2	--	--	--	--
646592	--	--	--	--	1	--	1	--	--	--	--
646612	--	--	--	--	2	--	2	1	--	--	--
646617	--	--	--	--	1	--	1	--	--	--	--
646649	--	--	--	--	1	--	2	1	--	--	--
646659	--	--	--	--	1	--	2	1	--	--	--
646665	--	--	--	--	1	--	--	--	--	--	--
646676	--	--	--	--	1	--	3	1	--	--	--
Female, Group: IV - 25 mg/kg - Day 40											
646502	--	--	--	--	--	--	2	1	--	--	--
646522	--	--	--	--	1	--	3	1	--	--	--
646567	--	--	--	--	1	--	--	1	--	--	--
646576	--	--	--	--	1	--	2	1	--	--	--
646595	--	--	--	--	2	--	2	1	--	--	--
646621	--	--	--	--	2	--	3	2	--	--	--
646635	--	--	--	--	1	--	1	1	--	--	--
646660	--	--	--	--	1	--	3	1	--	--	--
646664	--	--	--	--	1	--	--	--	--	--	--
646673	--	--	--	--	1	--	2	1	--	--	--

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Individual Red Blood Cell Morphology Values

Animal Number	NORM	ANIS	MIC	MAC	POLY	HYP0	ECHI	ACAN	TARG	RX	HJB
Female, Group: VI - 100 mg/kg - Day 40											
646501	--	--	--	--	2	--	3	2	--	--	--
646505	--	--	--	--	2	--	2	--	--	--	--
646510	--	--	--	--	2	--	2	1	--	--	--
646534	--	--	--	--	1	--	1	--	--	--	--
646556	--	--	--	--	2	--	3	2	--	--	--
646578	--	1	--	1	2	--	1	1	--	--	--
646608	--	--	--	--	2	--	3	1	--	--	--
646624	--	--	--	--	1	--	--	1	--	--	--
646629	--	--	--	--	2	--	3	1	--	--	--
646633	--	--	--	--	2	--	1	1	--	--	--
Female, Group: VIII - 500 mg/kg - Day 40											
646509	--	--	--	--	1	--	1	--	--	--	--
646535	--	--	--	--	2	--	2	1	--	--	--
646536	--	--	--	--	1	--	2	1	--	--	--
646577	--	--	--	--	2	--	3	2	--	--	--
646609	--	--	--	--	2	--	1	1	--	--	--
646610	--	--	--	--	2	--	2	1	--	--	--
646614	--	--	--	--	1	--	1	--	--	--	--
646657	--	--	--	--	2	--	3	1	--	--	--
646669	--	--	--	--	2	--	2	--	--	--	--

Individual Red Blood Cell Morphology Values

Animal Number	SPEC
------------------	------

Female, Group: II - 0 mg/kg - Day 40

646537
646538
646560
646592
646612
646617
646649
646659
646665
646676

Female, Group: IV - 25 mg/kg - Day 40

646502
646522
646567
646576
646595
646621
646635
646660
646664
646673

Individual Red Blood Cell Morphology Values

Animal Number	SPEC
Female, Group: VI - 100 mg/kg - Day 40	
646501	
646505	
646510	
646534	
646556	1-SPHEROCYTE
646578	
646608	
646624	
646629	
646633	
Female, Group: VIII - 500 mg/kg - Day 40	
646509	
646535	1-SPHEROCYTE
646536	
646577	1-SPHEROCYTE
646609	1-SPHEROCYTE
646610	
646614	
646657	1-SPHEROCYTE
646669	

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Individual Red Blood Cell Morphology Values

Animal Number	NORM	ANIS	MIC	MAC	POLY	HYPO	ECH1	ACAN	TARG	RX	HJB
Female, Group: II - 0 mg/kg - Day 96											
646537	NORMAL	--	--	--	--	--	--	--	--	--	--
646538	--	2	1	1	3	--	1	--	--	--	--
646560	--	--	--	--	--	--	1	--	--	--	--
646592	--	--	--	--	--	--	1	--	--	--	--
646612	NORMAL	--	--	--	--	--	--	--	--	--	--
646617	--	--	--	--	1	--	--	--	--	--	--
646649	--	--	--	--	1	--	1	1	--	--	--
646659	--	--	--	--	1	--	2	--	--	--	--
646665	NORMAL	--	--	--	--	--	--	--	--	--	--
646676	--	--	--	--	--	--	2	--	--	--	--
Female, Group: IV - 25 mg/kg - Day 96											
646502	NORMAL	--	--	--	--	--	--	--	--	--	--
646522	--	--	--	--	1	--	1	--	--	--	--
646567	--	--	--	--	1	1	--	--	--	--	--
646576	--	--	--	--	--	--	--	--	--	--	--
646595	--	--	--	--	1	--	--	--	--	--	--
646621	--	--	--	--	1	--	--	--	--	--	--
646635	--	--	--	--	--	--	2	1	--	--	--
646660	--	--	--	--	1	--	2	--	--	--	--
646664	--	--	--	--	1	--	--	--	--	--	--
646673	--	--	--	--	2	--	--	--	--	--	--

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Individual Red Blood Cell Morphology Values

Animal Number	NORM	ANIS	MIC	MAC	POLY	HYPO	ECHI	ACAN	TARG	RX	HJB
Female, Group: VI - 100 mg/kg - Day 96											
646501	--	--	--	--	2	2	1	2	--	--	--
646505	--	--	--	--	1	--	2	2	--	--	--
646510	--	--	--	--	2	--	1	--	--	--	--
646534	--	--	--	--	--	--	2	--	--	--	--
646556	--	--	--	--	2	1	3	2	--	--	--
646578	--	--	--	--	2	--	--	--	--	--	--
646608	--	--	--	--	2	--	3	1	--	--	--
646624	--	--	--	--	2	--	2	--	--	--	--
646629	--	--	--	--	1	--	2	2	--	--	--
646633	--	--	--	--	2	--	--	--	--	--	--
Female, Group: VIII - 500 mg/kg - Day 96											
646509	--	--	--	--	2	1	1	1	--	--	--
646535	--	--	--	--	3	2	2	3	--	--	--
646536	--	--	--	--	2	1	3	2	--	--	--
646577	--	--	--	--	2	--	2	3	--	--	--
646593	--	--	--	--	3	1	2	2	--	--	--
646609	--	--	--	--	2	1	2	1	--	--	--
646610	--	--	--	--	2	--	2	1	--	--	--
646614	--	--	--	--	2	--	2	--	--	--	--
646657	--	--	--	--	2	2	2	3	--	--	--
646669	--	--	--	--	2	1	2	2	--	--	--

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Individual Red Blood Cell Morphology Values

Animal Number	SPEC
------------------	------

Female, Group: II - 0 mg/kg - Day 96

646537
646538
646560
646592
646612
646617
646649
646659
646665
646676

Female, Group: IV - 25 mg/kg - Day 96

646502
646522
646567
646576
646595
646621
646635
646660
646664
646673

Individual Red Blood Cell Morphology Values

Animal Number	SPEC
------------------	------

Female, Group: VI - 100 mg/kg - Day 96

646501	
646505	1-NUCLEATED RED BLOOD CELL
646510	
646534	
646556	
646578	
646608	
646624	
646629	1-SPHEROCYTE
646633	

Female, Group: VIII - 500 mg/kg - Day 96

646509	
646535	
646536	1-SPHEROCYTE
646577	
646593	
646609	
646610	
646614	
646657	
646669	

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Animal Number	NORM	ANIS	MIC	Individual Red Blood Cell Morphology Values							ACAN	TARG	RX	HJB
				MAC	POLY	HYPO	ECHI							
Female, Group: II - 0 mg/kg - Day 124														
646511	--	--	--	--	1	--	--	--	--	--	--	--	--	--
646549	--	--	--	--	1	--	--	--	2	1	--	--	--	--
646551	--	--	--	--	1	--	--	--	--	--	--	--	--	--
646565	--	--	--	--	2	--	--	--	2	--	--	--	--	--
646580	--	--	--	--	1	--	--	--	2	2	--	--	--	--
646581	--	--	--	--	2	--	--	--	2	--	--	--	--	--
646586	--	--	--	--	1	--	--	--	--	1	--	--	--	--
646613	--	1	--	--	2	--	--	--	1	1	--	--	--	--
646627	--	--	--	--	2	--	--	--	1	--	--	--	--	--
646652	--	--	--	--	2	--	--	--	--	--	--	--	--	--
Female, Group: VIII - 500 mg/kg - Day 124														
646506	--	--	--	--	2	--	--	--	2	1	--	--	--	--
646508	--	--	--	--	1	--	--	--	3	2	--	--	--	--
646540	--	--	--	--	--	--	--	--	2	1	--	--	--	--
646542	--	--	--	--	1	--	--	--	1	--	--	--	--	--
646545	--	--	--	--	2	--	--	--	2	2	--	--	--	--
646548	--	--	--	--	2	--	--	--	2	1	--	--	--	--
646599	--	--	--	--	1	--	--	--	2	--	--	--	--	--
646618	--	--	--	--	1	--	--	--	2	--	--	--	--	--
646637	--	--	--	--	2	--	--	--	2	2	--	--	--	--
646650	--	--	--	--	1	--	--	--	3	1	--	--	--	--

Individual Red Blood Cell Morphology Values

Animal Number	SPEC
------------------	------

Female, Group: II - 0 mg/kg - Day 124

646511
646549
646551
646565
646580
646581
646586
646613
646627
646652

Female, Group: VIII - 500 mg/kg - Day 124

646506
646508
646540
646542
646545
646548
646599
646618
646637
646650

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Animal Number	Individual Red Blood Cell Morphology Values										
	NORM	ANIS	MIC	MAC	POLY	HYP0	ECH1	ACAN	TARG	RX	HJB
Female, Group: II - 0 mg/kg - Day 183											
646507											
646530	NO	--	--	--	TRACE	--	FEW	TRACE	--	--	--
646588	NO	--	--	--	TRACE	--	FEW	TRACE	--	--	--
646597	NO	--	--	--	TRACE	--	FEW	TRACE	--	--	--
Female, Group: IV - 25 mg/kg - Day 183											
646531	NO	--	--	--	TRACE	--	TRACE	--	--	--	--
646568	NO	TRACE	--	TRACE	TRACE	--	FEW	TRACE	--	--	--
646625											
646626	NO	TRACE	--	TRACE	TRACE	--	--	--	--	--	--
646636	NO	--	--	--	TRACE	--	FEW	TRACE	--	--	--
Female, Group: VI - 100 mg/kg - Day 183											
646533											
646630											
646632	NO	--	--	--	TRACE	--	--	TRACE	--	--	--
646634	NO	--	--	--	TRACE	--	FEW	TRACE	--	--	--
646656											
Female, Group: VIII - 500 mg/kg - Day 183											
646523	NO	--	--	--	TRACE	--	MODERATE	FEW	--	--	--
646528	NO	--	--	--	TRACE	--	MODERATE	--	--	--	--
646601											
646620											
646667	NO	--	--	--	TRACE	--	FEW	TRACE	--	--	--

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90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

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Individual Red Blood Cell Morphology Values

Animal Number	SPEC
------------------	------

Female, Group: II - 0 mg/kg - Day 183

646507
646530
646588
646597

Female, Group: IV - 25 mg/kg - Day 183

646531
646568
646625
646626
646636

Female, Group: VI - 100 mg/kg - Day 183

646533
646630
646632
646634
646656

Female, Group: VIII - 500 mg/kg - Day 183

646523
646528
646601
646620
646667

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90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

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Animal Number	NORM	SM	Individual White Blood Cell / Platelet Morphology Values						
			TOX	DB	VC	PC	GP	BP	SPEC
Male, Group: I - 0 mg/kg - Day 39									
646360	NORMAL	--	--	--	--	--	--	--	
646367	NORMAL	--	--	--	--	--	--	--	
646374	NORMAL	--	--	--	--	--	--	--	
646379	NORMAL	--	--	--	--	--	--	--	
646420	NORMAL	--	--	--	--	--	--	--	
646427	NORMAL	--	--	--	--	--	--	--	
646482	NORMAL	--	--	--	--	--	--	--	
646485	NORMAL	--	--	--	--	--	--	--	
646489	NORMAL	--	--	--	--	--	--	--	
646492	NORMAL	--	--	--	--	--	--	--	
Male, Group: III - 25 mg/kg - Day 39									
646370	--	--	--	--	--	1	--	--	ADEQ
646399	NORMAL	--	--	--	--	--	--	--	
646414	NORMAL	--	--	--	--	--	--	--	
646421	NORMAL	--	--	--	--	--	--	--	
646423	NORMAL	--	--	--	--	--	--	--	
646426	NORMAL	--	--	--	--	--	--	--	
646443	NORMAL	--	--	--	--	--	--	--	
646454	--	--	--	--	--	1	--	--	ADEQ
646458	NORMAL	--	--	--	--	--	--	--	
646471	NORMAL	--	--	--	--	--	--	--	

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90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Animal Number	NORM	SM	Individual White Blood Cell / Platelet Morphology Values						
			TOX	DB	VC	PC	GP	BP	SPEC
Male, Group: V - 100 mg/kg - Day 39									
646349	NORMAL	--	--	--	--	--	--	--	ADEQ PLATELET
646373	NORMAL	--	--	--	--	--	--	--	
646385	NORMAL	--	--	--	--	--	--	--	
646435	NORMAL	--	--	--	--	--	--	--	
646455	NORMAL	--	--	--	--	--	--	--	
646456	--	--	--	--	--	1	--	--	ADEQ PLATELET
646463	NORMAL	--	--	--	--	1	--	--	
646469	--	--	--	--	--	--	--	--	
646472	NORMAL	--	--	--	--	--	--	--	
646488	NORMAL	--	--	--	--	--	--	--	
Male, Group: VII - 500 mg/kg - Day 39									
646343	NORMAL	--	--	--	--	--	--	--	
646346	NORMAL	--	--	--	--	--	--	--	
646347	NORMAL	--	--	--	--	--	--	--	
646388	NORMAL	--	--	--	--	--	--	--	
646407	NORMAL	--	--	--	--	--	--	--	
646413	NORMAL	--	--	--	--	--	--	--	ADEQ PLATELET
646433	NORMAL	--	--	--	--	--	--	--	
646437	NORMAL	--	--	--	--	--	--	--	
646442	--	--	--	--	--	1	--	--	
646475	NORMAL	--	--	--	--	--	--	--	

Animal Number	NORM	SM	Individual White Blood Cell / Platelet Morphology Values						
			TOX	DB	VC	PC	GP	BP	SPEC
Male, Group: I - 0 mg/kg - Day 95									
646360	--	--	--	--	--	1	--	--	ADEQ PLATELET
646367	NORMAL	--	--	--	--	--	--	--	--
646374	--	--	--	--	--	1	--	--	ADEQ PLATELET
646379	NORMAL	--	--	--	--	--	--	--	--
646420	NORMAL	--	--	--	--	--	--	--	--
646427	--	--	--	--	--	1	--	--	ADEQ PLATELET
646482	--	--	--	--	--	1	--	--	ADEQ PLATELET
646485	NORMAL	--	--	--	--	--	--	--	--
646489	--	--	--	--	--	1	--	--	ADEQ PLATELET
646492	NORMAL	--	--	--	--	--	--	--	--
Male, Group: III - 25 mg/kg - Day 95									
646370	--	--	--	--	--	1	--	--	ADEQ PLATELET
646399	NORMAL	--	--	--	--	--	--	--	--
646414	NORMAL	--	--	--	--	--	--	--	--
646421	NORMAL	--	--	--	--	--	--	--	--
646423	NORMAL	--	--	--	--	--	--	--	--
646426	NORMAL	--	--	--	--	--	--	--	--
646443	--	--	--	--	--	1	--	--	ADEQ PLATELET
646454	NORMAL	--	--	--	--	--	--	--	--
646458	NORMAL	--	--	--	--	--	--	--	--
646471	NORMAL	--	--	--	--	--	--	--	--

Animal Number	NORM	SM	Individual White Blood Cell / Platelet Morphology Values						
			TOX	DB	VC	PC	GP	BP	SPEC
Male, Group: V - 100 mg/kg - Day 95									
646349	NORMAL	--	--	--	--	--	--	--	ADEQ PLATELET
646373	NORMAL	--	--	--	--	--	--	--	
646385	NORMAL	--	--	--	--	--	--	--	
646435	--	--	--	--	1	--	--	--	
646455	NORMAL	--	--	--	--	--	--	--	
646456	NORMAL	--	--	--	--	--	--	--	
646463	NORMAL	--	--	--	--	--	--	--	
646469	NORMAL	--	--	--	--	--	--	--	
646472	NORMAL	--	--	--	--	--	--	--	
646488	NORMAL	--	--	--	--	--	--	--	
Male, Group: VII - 500 mg/kg - Day 95									
646343	NORMAL	--	--	--	--	--	--	--	ADEQ PLATELET ADEQ PLATELET
646346	NORMAL	--	--	--	--	--	--	--	
646347	NORMAL	--	--	--	--	--	--	--	
646388	NORMAL	--	--	--	--	--	--	--	
646407	NORMAL	--	--	--	--	--	--	--	
646413	NORMAL	--	--	--	--	--	--	--	
646433	NORMAL	--	--	--	--	--	--	--	
646437	NORMAL	--	--	--	--	--	--	--	
646442	--	--	--	--	1	--	--	--	
646475	--	--	--	--	1	--	--	--	

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Animal Number	NORM	SM	Individual White Blood Cell / Platelet Morphology Values						
			TOX	DB	VC	PC	GP	BP	SPEC
Male, Group: I - 0 mg/kg - Day 123									
646371	--	--	--	--	--	1	--	--	ADEQ PLATELET
646398	--	--	--	--	--	--	--	--	--
646411	NORMAL	--	--	--	--	--	--	--	--
646416	--	--	--	--	--	1	--	--	ADEQ PLATELET
646432	NORMAL	--	--	--	--	--	--	--	--
646446	--	--	--	--	--	1	--	--	ADEQ PLATELET
646459	--	--	--	--	--	1	--	--	ADEQ PLATELET
646460	--	--	--	--	--	1	--	--	ADEQ PLATELET
646487	NORMAL	--	--	--	--	1	--	--	ADEQ PLATELET
646494	NORMAL	--	--	--	--	--	--	--	--
Male, Group: VII - 500 mg/kg - Day 123									
646337	--	--	--	--	--	1	--	--	ADEQ PLATELET
646364	NORMAL	--	--	--	--	--	--	--	--
646369	NORMAL	--	--	--	--	--	--	--	--
646372	NORMAL	--	--	--	--	--	--	--	--
646384	NORMAL	--	--	--	--	--	--	--	--
646397	--	--	--	--	--	1	--	--	ADEQ PLATELET
646428	NORMAL	--	--	--	--	--	--	--	--
646448	--	--	--	--	--	1	--	--	ADEQ PLATELET
646474	NORMAL	--	--	--	--	--	--	--	--
646484	NORMAL	--	--	--	--	--	--	--	--

Animal Number	NORM	SM	TOX	DB	VC	PCE	GP	BP	SPEC
Male, Group: I - 0 mg/kg - Day 183									
646325	YES	--	--	--	--	--	--	--	--
646396	YES	--	--	--	--	--	--	--	--
646468	YES	--	--	--	--	--	--	--	--
646495	--	--	--	--	--	--	--	--	--
Male, Group: III - 25 mg/kg - Day 183									
646368	YES	--	--	--	--	--	--	--	--
646436	YES	--	--	--	--	--	--	--	--
646438	YES	--	--	--	--	--	--	--	--
646449	YES	--	--	--	--	--	--	--	--
646453	YES	--	--	--	--	--	--	--	--
Male, Group: V - 100 mg/kg - Day 183									
646327	NO	--	--	--	--	YES/UTD	--	--	--
646335	YES	--	--	--	--	--	--	--	--
646376	YES	--	--	--	--	--	--	--	--
646403	NO	--	--	--	--	YES/ADEQ	--	--	--
Male, Group: VII - 500 mg/kg - Day 183									
646344	YES	--	--	--	--	--	--	--	--
646355	YES	--	--	--	--	--	--	--	--
646361	YES	--	--	--	--	--	--	--	--
646391	--	--	--	--	--	--	--	--	--
646466	YES	--	--	--	--	--	--	--	--

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Animal Number	NORM	SM	Individual White Blood Cell / Platelet Morphology Values						
			TOX	DB	VC	PC	GP	BP	SPEC
Female, Group: II - 0 mg/kg - Day 40									
646537	NORMAL	--	--	--	--	--	--	--	DECR PLATELET
646538	--	--	--	--	--	1	--	--	
646560	NORMAL	--	--	--	--	--	--	--	
646592	NORMAL	--	--	--	--	--	--	--	
646612	NORMAL	--	--	--	--	--	--	--	
646617	NORMAL	--	--	--	--	--	--	--	
646649	NORMAL	--	--	--	--	--	--	--	
646659	NORMAL	--	--	--	--	--	--	--	
646665	NORMAL	--	--	--	--	--	--	--	
646676	NORMAL	--	--	--	--	--	--	--	
Female, Group: IV - 25 mg/kg - Day 40									
646502	NORMAL	--	--	--	--	--	--	--	ADEQ PLATELET
646522	--	--	--	--	--	1	--	--	
646567	NORMAL	--	--	--	--	--	--	--	
646576	NORMAL	--	--	--	--	--	--	--	
646595	NORMAL	--	--	--	--	--	--	--	
646621	NORMAL	--	--	--	--	--	--	--	
646635	NORMAL	--	--	--	--	--	--	--	
646660	--	--	--	--	--	1	--	--	
646664	--	--	--	--	--	1	--	--	
646673	NORMAL	--	--	--	--	--	--	--	

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90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

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Individual White Blood Cell / Platelet Morphology Values

Animal Number	NORM	SM	TOX	DB	VC	PC	GP	BP	SPEC
Female, Group: VI - 100 mg/kg - Day 40									
646501	NORMAL	--	--	--	--	--	--	--	
646505	NORMAL	--	--	--	--	--	--	--	
646510	--	--	--	--	--	1	--	--	ADEQ PLATELET
646534	--	--	--	--	--	1	--	--	ADEQ PLATELET
646556	NORMAL	--	--	--	--	--	--	--	
646578	NORMAL	--	--	--	--	--	--	--	
646608	--	--	--	--	--	1	--	--	ADEQ PLATELET
646624	NORMAL	--	--	--	--	--	--	--	
646629	NORMAL	--	--	--	--	--	--	--	
646633	--	--	--	--	--	1	--	--	ADEQ PLATELET
Female, Group: VIII - 500 mg/kg - Day 40									
646509	NORMAL	--	--	--	--	--	--	--	
646535	--	--	--	--	--	1	--	--	ADEQ PLATELET
646536	NORMAL	--	--	--	--	--	--	--	
646577	NORMAL	--	--	--	--	--	--	--	
646593	--	--	--	--	--	--	--	--	
646609	NORMAL	--	--	--	--	--	--	--	
646610	--	--	--	--	--	1	--	--	ADEQ PLATELET
646614	--	--	--	--	--	1	--	--	ADEQ PLATELET
646657	NORMAL	--	--	--	--	--	--	--	
646669	--	--	--	--	--	1	--	--	ADEQ PLATELET

Animal Number	NORM	SM	Individual White Blood Cell / Platelet Morphology Values						
			TOX	DB	VC	PC	GP	BP	SPEC
Female, Group: II - 0 mg/kg - Day 96									
646537	NORMAL	--	--	--	--	--	--	--	
646538	NORMAL	--	--	--	--	--	--	--	
646560	NORMAL	--	--	--	--	--	--	--	
646592	NORMAL	--	--	--	--	--	--	--	
646612	NORMAL	--	--	--	--	--	--	--	
646617	NORMAL	--	--	--	--	--	--	--	
646649	--	--	--	--	--	1	--	--	ADEQ PLATELET
646659	--	--	--	--	--	1	--	--	ADEQ PLATELET
646665	NORMAL	--	--	--	--	--	--	--	
646676	--	--	--	--	--	1	--	--	ADEQ PLATELET
Female, Group: IV - 25 mg/kg - Day 96									
646502	NORMAL	--	--	--	--	--	--	--	
646522	NORMAL	--	--	--	--	--	--	--	
646567	NORMAL	--	--	--	--	--	--	--	
646576	--	--	--	--	--	--	--	--	
646595	--	--	--	--	--	1	--	--	ADEQ PLATELET
646621	NORMAL	--	--	--	--	--	--	--	
646635	NORMAL	--	--	--	--	--	--	--	
646660	--	--	--	--	--	1	--	--	ADEQ PLATELET
646664	NORMAL	--	--	--	--	--	--	--	
646673	NORMAL	--	--	--	--	--	--	--	

Animal Number	NORM	SM	TOX	DB	Individual White Blood Cell / Platelet Morphology Values					
					VC	PC	GP	BP	SPEC	
Female, Group: VI - 100 mg/kg - Day 96										
646501	NORMAL	--	--	--	--	--	--	--	--	
646505	NORMAL	--	--	--	--	--	--	--	--	
646510	NORMAL	--	--	--	--	--	--	--	--	
646534	NORMAL	--	--	--	--	--	--	--	--	
646556	NORMAL	--	--	--	--	--	--	--	--	
646578	NORMAL	--	--	--	--	--	--	--	--	
646608	--	--	--	--	--	1	--	--	--	ADEQ PLATELET
646624	NORMAL	--	--	--	--	--	--	--	--	
646629	NORMAL	--	--	--	--	--	--	--	--	
646633	--	--	--	--	--	1	--	--	--	ADEQ PLATELET
Female, Group: VIII - 500 mg/kg - Day 96										
646509	NORMAL	--	--	--	--	--	--	--	--	
646535	NORMAL	--	--	--	--	--	--	--	--	
646536	--	--	--	--	--	1	--	--	--	ADEQ PLATELET
646577	--	--	--	--	--	1	--	--	--	ADEQ PLATELET
646593	--	--	--	--	--	1	--	--	--	ADEQ PLATELET
646609	--	--	--	--	--	1	--	--	--	ADEQ PLATELET
646610	NORMAL	--	--	--	--	--	--	--	--	
646614	NORMAL	--	--	--	--	--	--	--	--	
646657	NORMAL	--	--	--	--	--	--	--	--	
646669	NORMAL	--	--	--	--	--	--	--	--	

HI-24768: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Individual White Blood Cell / Platelet Morphology Values									
Animal Number	NORM	SM	TOX	DB	VC	PC	GP	BP	SPEC
Female, Group: II - 0 mg/kg - Day 124									
646511	--	--	--	--	--	1	--	--	ADEQ PLATELET
646549	--	--	--	--	--	1	--	--	ADEQ PLATELET
646551	NORMAL	--	--	--	--	--	--	--	--
646565	--	--	--	--	--	1	--	--	ADEQ PLATELET
646580	NORMAL	--	--	--	--	--	--	--	--
646581	NORMAL	--	--	--	--	--	--	--	--
646586	NORMAL	--	--	--	--	--	--	--	--
646613	--	--	--	--	--	1	--	--	ADEQ PLATELET
646627	NORMAL	--	--	--	--	--	--	--	--
646652	--	--	--	--	--	1	--	--	ADEQ PLATELET
Female, Group: VIII - 500 mg/kg - Day 124									
646506	--	--	--	--	--	1	--	--	ADEQ PLATELET
646508	NORMAL	--	--	--	--	--	--	--	--
646540	NORMAL	--	--	--	--	--	--	--	--
646542	NORMAL	--	--	--	--	--	--	--	--
646545	NORMAL	--	--	--	--	--	--	--	--
646548	NORMAL	--	--	--	--	--	--	--	--
646599	--	--	--	--	--	1	--	--	ADEQ PLATELET
646618	NORMAL	--	--	--	--	--	--	--	--
646637	--	--	--	--	--	1	--	--	ADEQ PLATELET
646650	--	--	--	--	--	1	--	--	ADEQ PLATELET

Individual White Blood Cell / Platelet Morphology Values									
Animal Number	NORM	SM	TOX	DB	VC	PCE	GP	BP	SPEC
Female, Group: II - 0 mg/kg - Day 183									
646507	--	--	--	--	--	--	--	--	--
646530	YES	--	--	--	--	--	--	--	--
646588	YES	--	--	--	--	--	--	--	--
646597	YES	--	--	--	--	--	--	--	--
Female, Group: IV - 25 mg/kg - Day 183									
646531	NO	--	--	--	--	YES/ADEQ	--	--	--
646568	NO	--	--	--	--	YES/UTD	--	--	--
646625	--	--	--	--	--	--	--	--	--
646626	YES	--	--	--	--	--	--	--	--
646636	YES	--	--	--	--	--	--	--	--
Female, Group: VI - 100 mg/kg - Day 183									
646533	--	--	--	--	--	--	--	--	--
646630	--	--	--	--	--	--	--	--	--
646632	YES	--	--	--	--	--	--	--	--
646634	YES	--	--	--	--	--	--	--	--
646656	--	--	--	--	--	--	--	--	--
Female, Group: VIII - 500 mg/kg - Day 183									
646523	NO	--	--	--	--	YES/UTD	--	--	--
646528	YES	--	--	--	--	--	--	--	--
646600	--	--	--	--	--	--	--	--	--
646620	--	--	--	--	--	--	--	--	--
646667	NO	--	--	--	--	YES/ADEQ	--	--	--

Individual Coagulation Values

Animal Number	PHEM	PLIP	PICT	PT sec	APTT sec
Male, Group: I - 0 mg/kg - Day 95					
646360	NONE	NONE	NONE	14.9	19.3
646367	QNS	NT	NT	NT	NT
646374	NONE	NONE	NONE	15.1	19.9
646379	NONE	NONE	NONE	16.6	21.6
646420	NONE	NONE	NONE	15.7	18.6
646427	NONE	NONE	NONE	16.6	21.4
646482	NONE	NONE	NONE	14.9	23.6
646485	NONE	NONE	NONE	18.0	21.9
646489	NONE	NONE	NONE	15.1	17.8
646492	NONE	NONE	NONE	14.4	17.2
Male, Group: III - 25 mg/kg - Day 95					
646370	NONE	NONE	NONE	15.6	22.2
646399	NONE	NONE	NONE	15.3	17.0
646414	NONE	NONE	NONE	15.7	19.0
646421	NONE	NONE	NONE	14.5	17.2
646423	NONE	NONE	NONE	15.6	18.3
646426	NONE	NONE	NONE	15.2	19.2
646443	NONE	NONE	NONE	15.1	17.6
646454	NONE	NONE	NONE	15.9	20.4
646458	NONE	NONE	NONE	15.2	20.3
646471	NONE	NONE	NONE	14.6	14.4

Individual Coagulation Values

Animal Number	PHEM	PLIP	PICT	PT sec	APTT sec
Male, Group: V - 100 mg/kg - Day 95					
646349	NONE	NONE	NONE	14.5	19.0
646373	NONE	NONE	NONE	14.2	17.7
646385	NONE	NONE	NONE	13.9	13.7
646435	NONE	NONE	NONE	16.5	14.8
646455	NONE	NONE	NONE	14.4	16.3
646456	NONE	NONE	NONE	14.3	16.5
646463	NONE	NONE	NONE	14.7	19.2
646469	NONE	NONE	NONE	15.0	14.8
646472	NONE	NONE	NONE	14.7	18.2
646488	NONE	NONE	NONE	15.8	15.0
Male, Group: VII - 500 mg/kg - Day 95					
646343	NONE	NONE	TRACE	14.2	14.1
646346	NONE	NONE	NONE	13.4	17.0
646347	NONE	NONE	NONE	16.3	14.5
646388	TRACE	NONE	NONE	14.8	18.3
646407	NONE	NONE	NONE	15.2	15.8
646413	NONE	NONE	TRACE	15.3	15.7
646433	NONE	NONE	NONE	15.9	18.2
646437	NONE	NONE	NONE	15.9	12.6
646442	NONE	NONE	TRACE	17.2	15.4
646475	NONE	NONE	NONE	13.8	14.1

Individual Coagulation Values

Animal Number	PHEM	PLIP	PICT	PT sec	APTT sec
Male, Group: I - 0 mg/kg - Day 123					
646371	NONE	NONE	NONE	15.1	18.9
646398	NONE	NONE	NONE	16.3	20.3
646411	NONE	NONE	NONE	14.8	19.6
646416	NONE	NONE	NONE	14.6	20.4
646432	NONE	NONE	NONE	14.2	19.1
646446	NONE	NONE	NONE	16.7	25.7
646459	NONE	NONE	NONE	14.9	16.5
646460	NONE	NONE	NONE	14.1	20.8
646487	NONE	NONE	NONE	14.2	19.1
646494	NONE	NONE	NONE	14.2	20.5
Male, Group: VII - 500 mg/kg - Day 123					
646337	NONE	NONE	NONE	16.1	21.2
646364	NONE	NONE	NONE	14.8	18.2
646369	NONE	NONE	NONE	16.1	22.7
646372	NONE	NONE	NONE	14.6	18.7
646384	NONE	NONE	NONE	13.9	21.4
646397	NONE	NONE	NONE	14.2	19.5
646428	NONE	NONE	NONE	14.5	18.7
646448	NONE	NONE	NONE	14.6	20.3
646474	NONE	NONE	NONE	14.1	19.7
646484	NONE	NONE	NONE	15.5	16.9

Individual Coagulation Values

Animal Number	PHEM	PLIP	PICT	PT sec	APTT sec
Female, Group: II - 0 mg/kg - Day 96					
646537	NONE	NONE	NONE	14.5	16.4
646538	NONE	NONE	NONE	14.1	20.8
646560	NONE	NONE	NONE	16.0	19.8
646592	SMALL	TRACE	NONE	RNV	RNV
646612	NONE	NONE	NONE	14.3	19.9
646617	TRACE	NONE	NONE	15.0	18.8
646649	NONE	NONE	NONE	14.3	17.3
646659	NONE	NONE	NONE	14.3	16.7
646665	TRACE	NONE	NONE	15.0	19.0
646676	NONE	TRACE	NONE	13.6	17.3
Female, Group: IV - 25 mg/kg - Day 96					
646502	NONE	NONE	NONE	14.8	16.1
646522	NONE	NONE	NONE	15.4	19.2
646567	NONE	NONE	NONE	14.3	17.6
646576	NONE	NONE	NONE	13.3	17.5
646595	NONE	NONE	NONE	14.5	17.9
646621	NONE	NONE	NONE	14.5	15.5
646635	NONE	NONE	NONE	14.5	18.5
646660	NONE	NONE	NONE	14.7	19.7
646664	NONE	NONE	NONE	13.9	15.9
646673	NONE	NONE	NONE	15.2	20.3

Individual Coagulation Values

Animal Number	PHEM	PLIP	PICT	PT sec	APTT sec
Female, Group: VI - 100 mg/kg - Day 96					
646501	NONE	NONE	NONE	14.1	19.0
646505	NONE	NONE	NONE	14.1	21.8
646510	NONE	NONE	NONE	13.8	15.9
646534	NONE	NONE	NONE	14.0	16.5
646556	NONE	NONE	NONE	14.1	17.3
646578	NONE	NONE	NONE	14.1	16.7
646608	NONE	NONE	NONE	14.8	16.6
646624	NONE	NONE	NONE	14.2	15.7
646629	NONE	NONE	NONE	14.9	16.1
646633	NONE	NONE	NONE	13.9	16.2
Female, Group: VIII - 500 mg/kg - Day 96					
646509	NONE	NONE	NONE	13.6	14.4
646535	NONE	NONE	NONE	13.3	15.5
646536	NONE	NONE	NONE	13.2	12.7
646577	NONE	NONE	NONE	13.8	12.4
646593	NONE	NONE	NONE	13.5	14.1
646609	NONE	NONE	NONE	13.0	13.9
646610	NONE	NONE	NONE	14.2	15.5
646614	NONE	NONE	NONE	14.2	14.5
646657	NONE	NONE	NONE	13.6	15.7
646669	NONE	NONE	NONE	14.3	21.2

Individual Coagulation Values

Animal Number	PHEM	PLIP	PICT	PT sec	APTT sec
Female, Group: II - 0 mg/kg - Day 124					
646511	TRACE	NONE	NONE	14.1	18.9
646549	TRACE	TRACE	NONE	13.7	20.4
646551	NONE	NONE	NONE	RNV	RNV
646565	NONE	NONE	NONE	13.6	15.0
646580	NONE	NONE	NONE	15.0	16.8
646581	NONE	NONE	NONE	14.4	19.6
646586	NONE	NONE	NONE	13.3	16.0
646613	NONE	NONE	NONE	14.0	16.3
646627	NONE	NONE	NONE	13.8	18.9
646652	NONE	NONE	NONE	13.5	17.3
Female, Group: VIII - 500 mg/kg - Day 124					
646506	NONE	NONE	NONE	14.4	21.5
646508	NONE	NONE	NONE	13.7	21.3
646540	NONE	NONE	NONE	13.9	15.1
646542	NONE	NONE	NONE	13.5	18.6
646545	NONE	NONE	NONE	13.8	15.9
646548	NONE	NONE	NONE	14.0	20.3
646599	NONE	NONE	NONE	13.6	14.1
646618	NONE	NONE	NONE	13.6	19.6
646637	NONE	NONE	NONE	13.7	16.0
646650	NONE	NONE	NONE	13.4	18.5

H-24768: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations
DuPont-5990

Individual Serum and Plasma Chemistry Values

Animal Number	SHEM	SLIP	SICT	AST IU/L	ALT IU/L	SDH IU/L	ALKP IU/L	BILI mg/dL	BUN mg/dL	CREA mg/dL	CHOL mg/dL
Male, Group: I - 0 mg/kg - Day 39											
646360	TRACE	NONE	NONE	145	47	29.2	112	<0.10	15	0.32	80
646367	NONE	NONE	NONE	81	31	14.6	217	0.10	14	0.40	56
646374	NONE	NONE	NONE	71	35	16.7	129	0.13	15	0.33	52
646379	NONE	NONE	NONE	97	34	25.6	161	<0.10	13	0.29	68
646420	NONE	NONE	NONE	70	29	13.6	109	0.11	15	0.27	67
646427	NONE	NONE	NONE	87	37	21.4	119	<0.10	13	0.33	72
646482	NONE	NONE	NONE	84	38	17.7	101	<0.10	14	0.28	55
646485	TRACE	NONE	NONE	101	44	18.4	161	<0.10	12	0.30	54
646489	NONE	NONE	NONE	77	36	25.1	138	0.10	15	0.33	67
646492	NONE	NONE	NONE	74	30	15.0	143	0.12	11	0.33	67
Male, Group: III - 25 mg/kg - Day 39											
646370	NONE	NONE	NONE	117	31	22.4	107	<0.10	16	0.37	42
646399	NONE	NONE	NONE	92	37	19.3	112	<0.10	15	0.38	88
646414	NONE	NONE	NONE	78	33	19.2	166	<0.10	14	0.33	57
646421	NONE	NONE	NONE	63	27	17.3	130	0.11	10	0.30	63
646423	TRACE	NONE	NONE	75	33	25.4	170	0.13	13	0.33	59
646426	NONE	NONE	NONE	70	30	17.6	124	<0.10	15	0.38	61
646443	NONE	NONE	NONE	75	38	25.1	87	<0.10	13	0.30	77
646454	NONE	NONE	NONE	72	36	20.7	134	<0.10	14	0.34	78
646458	NONE	NONE	NONE	70	33	16.7	130	<0.10	14	0.33	54
646471	NONE	NONE	NONE	70	33	16.8	121	<0.10	14	0.29	76

H-24768: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations
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Individual Serum and Plasma Chemistry Values

Animal Number	SHEM	SLIP	SICT	AST IU/L	ALT IU/L	SDH IU/L	ALKP IU/L	BILI mg/dL	BUN mg/dL	CREA mg/dL	CHOL mg/dL
Male, Group: V - 100 mg/kg - Day 39											
646349	NONE	NONE	NONE	79	38	23.1	129	0.11	16	0.38	88
646373	NONE	NONE	NONE	79	57	22.2	138	<0.10	14	0.35	119
646385	TRACE	NONE	NONE	70	35	20.0	125	<0.10	10	0.31	98
646435	TRACE	NONE	NONE	60	32	18.3	112	<0.10	16	0.42	115
646455	NONE	NONE	NONE	86	41	22.9	93	<0.10	15	0.27	97
646456	NONE	NONE	NONE	67	38	21.9	131	0.10	14	0.41	111
646463	TRACE	NONE	NONE	76	32	20.2	116	0.14	13	0.35	103
646469	NONE	NONE	NONE	67	37	16.5	147	0.10	16	0.28	88
646472	NONE	NONE	NONE	57	27	17.4	148	0.15	17	0.43	103
646488	NONE	NONE	NONE	73	45	22.7	123	<0.10	16	0.37	82
Male, Group: VII - 500 mg/kg - Day 39											
646343	TRACE	NONE	NONE	61	44	22.0	191	0.17	21	0.43	97
646346	TRACE	NONE	NONE	76	76	34.5	260	0.20	20	0.37	170
646347	NONE	NONE	NONE	59	40	22.4	143	0.17	18	0.39	88
646388	NONE	NONE	NONE	72	49	25.3	174	0.22	18	0.48	154
646407	NONE	NONE	NONE	86	57	57.1	133	0.21	25	0.44	109
646413	TRACE	NONE	NONE	81	54	20.1	155	0.22	19	0.31	54
646433	TRACE	NONE	NONE	82	65	26.5	129	0.20	19	0.39	78
646437	TRACE	NONE	NONE	76	64	19.9	168	0.19	23	0.44	67
646442	SMALL	NONE	NONE	66	59	20.9	254	0.31	18	0.46	100
646475	NONE	NONE	NONE	78	84	20.4	135	0.12	16	0.33	100

Individual Serum and Plasma Chemistry Values

Animal Number	TRIG mg/dL	GLUC mg/dL	TP g/dL	ALB g/dL	GLOB g/dL	CALC mg/dL	IPHS mg/dL	NA mmol/L	K mmol/L	CL mmol/L
Male, Group: I - 0 mg/kg - Day 39										
646360	68	95	6.3	4.1	2.2	11.4	10.3	147.9	6.46	97.0
646367	37	95	6.8	4.4	2.4	11.1	7.7	147.6	5.64	99.5
646374	103	118	6.5	4.1	2.4	11.3	8.6	145.4	6.16	99.1
646379	60	107	6.3	4.4	1.9	10.8	9.0	145.9	6.15	97.8
646420	91	99	6.2	3.9	2.3	11.0	8.3	146.3	5.61	97.1
646427	59	91	6.9	4.3	2.6	11.0	8.6	144.3	6.19	98.3
646482	74	95	6.2	3.9	2.3	11.3	9.3	146.6	6.11	97.6
646485	53	98	6.3	3.9	2.4	10.0	9.0	146.8	5.98	97.4
646489	40	108	6.7	4.4	2.3	11.3	9.5	146.1	6.05	98.8
646492	45	104	6.5	3.9	2.6	11.4	8.3	147.2	5.72	95.3
Male, Group: III - 25 mg/kg - Day 39										
646370	38	98	6.7	4.4	2.3	10.6	9.1	145.2	6.17	100.8
646399	126	103	6.3	4.2	2.1	11.5	9.1	146.0	5.75	97.1
646414	57	103	6.0	4.0	2.0	10.2	9.4	147.6	5.93	99.3
646421	63	97	6.4	4.2	2.2	11.2	8.5	145.2	5.94	95.8
646423	53	98	6.6	4.3	2.3	11.3	8.9	146.9	5.73	99.2
646426	70	99	6.8	4.4	2.4	11.5	8.5	146.9	5.70	97.5
646443	123	97	6.6	4.2	2.4	11.3	8.9	146.7	6.86	99.1
646454	51	102	6.9	4.3	2.6	11.2	8.8	147.0	6.29	99.2
646458	43	107	6.7	4.4	2.3	11.1	8.9	146.8	6.31	98.4
646471	90	114	6.6	4.2	2.4	11.6	8.9	143.2	6.02	94.2

Animal Number	Individual Serum and Plasma Chemistry Values									
	TRIG mg/dL	GLUC mg/dL	TP g/dL	ALB g/dL	GLOB g/dL	CALC mg/dL	IPHS mg/dL	NA mmol/L	K mmol/L	CL mmol/L
Male, Group: V - 100 mg/kg - Day 39										
646349	43	102	6.7	4.4	2.3	11.1	9.5	146.4	6.16	99.9
646373	58	108	7.5	4.6	2.9	12.3	9.6	146.2	6.47	93.7
646385	24	100	7.1	4.5	2.6	11.8	8.8	146.2	5.98	95.8
646435	31	101	7.4	4.7	2.7	11.5	8.6	144.7	6.56	97.0
646455	33	92	6.9	4.6	2.3	11.7	8.8	146.2	6.52	95.7
646456	40	101	6.7	4.6	2.1	12.4	10.9	146.6	7.63	98.0
646463	34	83	7.6	5.1	2.5	11.7	9.3	145.6	6.72	97.1
646469	29	93	6.6	4.5	2.1	12.0	9.4	143.7	6.29	96.5
646472	35	91	6.9	4.3	2.6	11.7	9.3	144.9	6.50	97.2
646488	27	89	6.9	4.4	2.5	11.0	9.5	145.6	7.37	99.2
Male, Group: VII - 500 mg/kg - Day 39										
646343	29	102	7.4	5.1	2.3	11.6	8.7	143.7	6.19	94.1
646346	37	93	7.5	5.1	2.4	11.6	8.6	141.3	6.55	93.5
646347	29	106	7.0	4.9	2.1	11.5	9.2	143.4	7.06	97.7
646388	30	104	7.8	5.3	2.5	12.6	9.1	145.5	6.27	95.5
646407	31	95	7.5	5.1	2.4	11.9	9.7	144.8	7.15	94.7
646413	26	101	6.5	4.6	1.9	11.1	8.4	143.4	6.89	98.2
646433	23	88	7.2	4.9	2.3	11.6	8.7	143.9	7.11	97.1
646437	16	87	7.4	5.1	2.3	11.7	9.7	143.8	6.83	95.1
646442	21	93	7.6	5.5	2.1	11.9	8.7	143.3	6.78	95.7
646475	33	98	7.1	4.9	2.2	11.7	8.9	145.2	6.64	96.3

H-24768: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Individual Serum and Plasma Chemistry Values

Animal Number	SPEC
------------------	------

Male, Group: I - 0 mg/kg - Day 39

646360
646367
646374
646379
646420
646427
646482
646485
646489
646492

Male, Group: III - 25 mg/kg - Day 39

646370
646399
646414
646421
646423
646426
646443
646454
646458
646471

H-24768: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Individual Serum and Plasma Chemistry Values

Animal Number	SPEC
------------------	------

Male, Group: V - 100 mg/kg - Day 39

646349
646373
646385
646435
646455
646456
646463
646469
646472
646488

Male, Group: VII - 500 mg/kg - Day 39

646343
646346
646347
646388
646407
646413
646433
646437
646442
646475

H-24768: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations
DuPont-5990

Individual Serum and Plasma Chemistry Values

Animal Number	SHEM	SLIP	SICT	AST IU/L	ALT IU/L	SDH IU/L	ALKP IU/L	BILI mg/dL	BUN mg/dL	CREA mg/dL	CHOL mg/dL
Male, Group: I - 0 mg/kg - Day 95											
646360	SMALL	NONE	NONE	92	31	22.3	69	0.14	14	0.28	98
646367	NONE	NONE	NONE	83	29	12.2	114	0.15	14	0.37	54
646374	TRACE	NONE	NONE	80	35	17.2	98	0.15	17	0.39	75
646379	NONE	NONE	NONE	87	40	35.4	96	0.14	14	0.34	84
646420	NONE	NONE	NONE	81	44	27.6	80	0.10	24	0.44	73
646427	NONE	NONE	NONE	99	33	26.5	86	0.15	14	0.42	85
646482	NONE	NONE	NONE	77	29	20.0	77	0.12	15	0.29	62
646485	TRACE	NONE	NONE	84	34	21.8	116	<0.10	13	0.43	68
646489	TRACE	NONE	NONE	77	29	20.8	80	0.12	16	0.43	70
646492	SMALL	NONE	NONE	80	26	19.5	87	0.12	14	0.44	75
Male, Group: III - 25 mg/kg - Day 95											
646370	NONE	NONE	NONE	106	30	14.2	67	0.11	19	0.43	46
646399	NONE	NONE	NONE	101	39	27.3	81	0.12	18	0.48	123
646414	NONE	NONE	NONE	89	28	21.2	89	<0.10	17	0.41	64
646421	NONE	NONE	NONE	113	32	20.3	75	0.17	14	0.38	84
646423	NONE	NONE	NONE	69	28	24.6	111	<0.10	17	0.44	73
646426	SMALL	NONE	NONE	92	29	24.3	79	0.11	19	0.39	79
646443	TRACE	NONE	NONE	82	38	28.0	67	<0.10	20	0.41	86
646454	TRACE	NONE	NONE	72	30	26.9	84	0.18	15	0.39	87
646458	NONE	NONE	NONE	93	70	41.7	74	0.13	15	0.34	106
646471	TRACE	NONE	NONE	86	33	24.7	75	0.10	15	0.42	97

H-24768: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Individual Serum and Plasma Chemistry Values

Animal Number	SHEM	SLIP	SICT	AST IU/L	ALT IU/L	SDH IU/L	ALKP IU/L	BILI mg/dL	BUN mg/dL	CREA mg/dL	CHOL mg/dL
Male, Group: V - 100 mg/kg - Day 95											
646349	NONE	NONE	NONE	86	38	42.1	71	0.20	19	0.54	139
646373	NONE	NONE	NONE	70	37	24.8	79	<0.10	15	0.43	163
646385	TRACE	NONE	NONE	81	31	26.8	79	0.16	18	0.42	109
646435	TRACE	NONE	NONE	70	37	23.8	68	0.13	21	0.50	125
646455	TRACE	NONE	NONE	80	32	21.3	84	<0.10	22	0.42	60
646456	TRACE	NONE	NONE	92	37	26.9	90	0.17	15	0.52	134
646463	NONE	NONE	NONE	90	40	24.5	80	0.21	17	0.39	95
646469	NONE	NONE	NONE	74	43	29.3	100	0.18	19	0.50	99
646472	NONE	NONE	NONE	81	35	30.0	119	0.20	23	0.48	98
646488	TRACE	NONE	NONE	76	43	27.5	75	0.19	18	0.50	97
Male, Group: VII - 500 mg/kg - Day 95											
646343	NONE	NONE	NONE	70	46	36.3	142	0.23	19	0.41	116
646346	TRACE	NONE	NONE	93	64	29.8	242	0.20	18	0.40	161
646347	TRACE	NONE	NONE	61	39	25.6	94	0.20	19	0.37	92
646388	NONE	NONE	NONE	73	45	30.7	138	0.29	21	0.42	146
646407	NONE	NONE	NONE	74	42	23.7	90	0.23	25	0.46	125
646413	NONE	NONE	NONE	108	51	22.3	106	0.22	19	0.34	84
646433	SMALL	NONE	NONE	82	52	34.5	119	0.21	20	0.41	81
646437	SMALL	NONE	NONE	74	49	26.3	110	0.22	22	0.48	64
646442	SMALL	NONE	TRACE	75	45	31.4	155	0.37	21	0.48	109
646475	NONE	NONE	NONE	83	63	29.9	87	0.21	18	0.38	116

H-24768: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Individual Serum and Plasma Chemistry Values

Animal Number	TRIG mg/dL	GLUC mg/dL	TP g/dL	ALB g/dL	GLOB g/dL	CALC mg/dL	IPHS mg/dL	NA mmol/L	K mmol/L	CL mmol/L	PHEM
Male, Group: I - 0 mg/kg - Day 95											
646360	96	83	6.7	4.2	2.5	10.2	7.6	149.4	6.03	98.3	NONE
646367	38	89	7.0	4.3	2.7	10.4	6.2	149.7	5.57	102.8	NONE
646374	162	110	7.8	4.6	3.2	11.1	7.1	149.1	5.85	98.3	NONE
646379	135	109	7.1	4.7	2.4	10.9	7.0	148.5	5.98	97.8	NONE
646420	60	120	7.2	3.6	3.6	10.9	7.8	148.0	5.69	96.9	NONE
646427	95	103	7.7	4.7	3.0	10.7	6.8	150.2	5.89	100.2	NONE
646482	93	82	7.0	4.3	2.7	10.8	7.5	149.8	5.86	99.7	TRACE
646485	71	93	7.2	4.4	2.8	10.0	7.6	148.9	6.02	97.7	NONE
646489	48	98	7.2	4.5	2.7	10.9	7.4	149.3	5.72	100.0	NONE
646492	56	94	7.0	4.0	3.0	11.0	7.2	148.4	6.14	98.3	NONE
Male, Group: III - 25 mg/kg - Day 95											
646370	29	93	6.9	4.4	2.5	10.3	8.4	146.6	6.25	103.2	NONE
646399	130	91	7.3	4.6	2.7	11.2	7.8	148.2	5.86	98.7	NONE
646414	97	88	7.0	4.5	2.5	10.1	7.9	147.5	5.80	102.1	NONE
646421	74	98	7.5	4.8	2.7	10.9	7.1	149.2	5.72	98.0	NONE
646423	46	96	7.1	4.5	2.6	10.8	7.3	150.4	5.55	101.0	NONE
646426	85	107	7.4	4.6	2.8	11.4	8.8	149.8	6.47	100.9	NONE
646443	154	94	7.3	4.6	2.7	10.9	7.3	148.2	6.14	99.0	NONE
646454	46	96	7.3	4.5	2.8	10.8	7.5	149.2	6.49	101.1	NONE
646458	64	95	7.8	5.2	2.6	11.6	8.2	149.3	6.18	98.1	NONE
646471	170	117	7.6	4.7	2.9	11.3	7.0	148.2	6.14	97.3	TRACE

H-24768: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Individual Serum and Plasma Chemistry Values

Animal Number	TRIG mg/dL	GLUC mg/dL	TP g/dL	ALB g/dL	GLOB g/dL	CALC mg/dL	IPHS mg/dL	NA mmol/L	K mmol/L	CL mmol/L	PHEM
Male, Group: V - 100 mg/kg - Day 95											
646349	69	98	8.2	5.2	3.0	11.7	8.0	150.1	6.25	98.7	NONE
646373	78	101	8.4	5.1	3.3	11.3	7.7	147.3	6.63	96.4	NONE
646385	28	103	7.7	4.8	2.9	10.5	9.0	147.3	7.58	99.4	TRACE
646435	35	101	8.1	5.0	3.1	11.4	7.3	147.3	6.70	99.9	NONE
646455	41	133	7.4	4.6	2.8	11.2	9.3	150.5	6.79	102.8	NONE
646456	48	88	8.0	5.3	2.7	11.3	7.3	148.3	6.84	97.2	NONE
646463	29	84	8.2	5.4	2.8	11.6	8.1	147.5	6.14	95.9	TRACE
646469	37	110	7.6	5.0	2.6	11.8	9.1	148.1	7.00	98.6	NONE
646472	38	106	8.0	5.0	3.0	11.2	7.0	148.4	5.89	99.5	NONE
646488	43	99	8.3	5.3	3.0	11.2	8.1	150.0	6.78	98.2	NONE
Male, Group: VII - 500 mg/kg - Day 95											
646343	27	99	8.4	5.7	2.7	11.7	7.7	147.4	5.89	96.7	NONE
646346	32	88	7.9	5.3	2.6	11.1	9.9	143.9	7.94	100.4	NONE
646347	26	96	7.9	5.4	2.5	11.2	7.2	145.6	6.40	99.4	NONE
646388	32	98	8.3	5.5	2.8	12.0	8.4	145.8	6.35	95.7	TRACE
646407	22	106	8.0	5.1	2.9	11.3	8.4	145.2	6.40	97.1	NONE
646413	25	96	8.0	5.5	2.5	11.2	7.0	146.3	6.22	98.8	NONE
646433	22	91	8.0	5.3	2.7	11.1	7.7	147.2	6.90	98.6	NONE
646437	16	94	8.2	5.4	2.8	11.3	8.0	145.3	6.63	96.6	NONE
646442	21	94	8.9	6.1	2.8	12.0	7.9	147.0	6.62	96.1	NONE
646475	32	91	8.2	5.5	2.7	11.6	7.8	148.4	6.35	97.2	NONE

H-24768: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Individual Serum and Plasma Chemistry Values

Animal Number	PLIP	PICT	PFLUJ μg/mL	SPEC
Male, Group: I - 0 mg/kg - Day 95				
646360	NONE	NONE	0.1	
646367	NONE	NONE	0.1	
646374	NONE	NONE	0.1	
646379	NONE	NONE	0.1	
646420	NONE	NONE	0.1	
646427	NONE	NONE	0.1	
646482	NONE	NONE	0.1	
646485	NONE	NONE	0.1	
646489	NONE	NONE	0.1	
646492	NONE	NONE	0.1	
Male, Group: III - 25 mg/kg - Day 95				
646370	NONE	NONE	0.1	
646399	NONE	NONE	0.2	
646414	NONE	NONE	0.1	
646421	NONE	NONE	0.1	
646423	NONE	NONE	0.2	
646426	NONE	NONE	0.2	
646443	NONE	NONE	0.2	
646454	NONE	NONE	0.3	
646458	NONE	NONE	0.2	
646471	NONE	NONE	0.1	

H-24768: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Individual Serum and Plasma Chemistry Values

Animal Number	PLIP	PICT	PFLU μg/mL	SPEC
Male, Group: V - 100 mg/kg - Day 95				
646349	NONE	NONE	0.2	
646373	NONE	NONE	0.2	
646385	NONE	NONE	0.2	
646435	NONE	NONE	0.2	
646455	NONE	NONE	0.2	
646456	NONE	NONE	0.3	
646463	NONE	NONE	0.2	
646469	NONE	NONE	0.2	
646472	NONE	NONE	0.3	
646488	NONE	NONE	0.2	
Male, Group: VII - 500 mg/kg - Day 95				
646343	NONE	NONE	0.5	
646346	NONE	NONE	0.4	
646347	NONE	NONE	0.5	
646388	NONE	NONE	0.5	
646407	NONE	NONE	0.5	
646413	NONE	NONE	0.5	
646433	NONE	NONE	0.5	
646437	NONE	NONE	0.5	
646442	NONE	NONE	0.7	
646475	NONE	NONE	0.4	

H-24768: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Individual Serum and Plasma Chemistry Values

Animal Number	SHEM	SLIP	SICT	AST IU/L	ALT IU/L	SDH IU/L	ALKP IU/L	BILI mg/dL	BUN mg/dL	CREA mg/dL	CHOL mg/dL
Male, Group: I - 0 mg/kg - Day 123											
646371	NONE	NONE	NONE	178	75	32.8	87	0.14	17	0.51	62
646398	TRACE	NONE	NONE	113	45	25.3	73	0.12	16	0.46	71
646411	NONE	NONE	NONE	57	27	13.2	61	0.10	16	0.39	73
646416	NONE	NONE	NONE	120	48	19.2	91	0.19	18	0.39	66
646432	NONE	NONE	NONE	83	35	15.2	88	0.15	17	0.43	78
646446	NONE	NONE	NONE	142	39	18.6	95	0.14	17	0.48	81
646459	NONE	NONE	NONE	108	43	22.7	94	0.15	16	0.37	58
646460	NONE	NONE	NONE	77	32	18.8	62	0.18	14	0.42	75
646487	NONE	NONE	NONE	74	32	13.0	64	0.12	13	0.39	92
646494	NONE	NONE	NONE	78	32	14.8	81	0.10	20	0.43	65
Male, Group: VII - 500 mg/kg - Day 123											
646337	NONE	NONE	NONE	133	60	41.2	68	0.15	15	0.46	133
646364	NONE	NONE	NONE	111	49	37.3	61	0.15	17	0.43	74
646369	NONE	NONE	NONE	132	63	35.4	77	0.13	17	0.40	77
646372	NONE	NONE	NONE	65	36	29.7	69	0.15	19	0.36	89
646384	NONE	NONE	NONE	86	51	46.8	86	0.15	17	0.45	107
646397	NONE	NONE	NONE	92	43	40.2	79	0.14	23	0.43	95
646428	NONE	NONE	NONE	109	56	49.0	56	0.10	17	0.44	72
646448	NONE	NONE	NONE	91	46	34.6	97	0.13	20	0.44	68
646474	NONE	NONE	NONE	161	67	49.6	78	0.11	17	0.36	80
646484	NONE	NONE	NONE	99	63	60.8	81	0.16	33	0.42	73

H-24768: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Individual Serum and Plasma Chemistry Values

Animal Number	TRIG mg/dL	GLUC mg/dL	TP g/dL	ALB g/dL	GLOB g/dL	CALC mg/dL	IPHS mg/dL	NA mmol/L	K mmol/L	CL mmol/L	PHEM
Male, Group: I - 0 mg/kg - Day 123											
646371	19	134	7.1	4.3	2.8	11.4	8.1	148.6	5.90	104.6	NONE
646398	46	181	6.9	4.1	2.8	10.8	7.8	146.1	5.61	103.5	NONE
646411	96	105	6.8	4.1	2.7	10.7	8.4	147.2	6.81	103.9	NONE
646416	49	115	6.7	4.1	2.6	10.5	8.6	144.9	6.96	103.7	NONE
646432	91	102	7.0	4.2	2.8	11.2	7.2	147.5	6.30	101.1	NONE
646446	47	114	6.8	4.3	2.5	10.5	8.6	143.9	6.87	104.2	NONE
646459	126	97	7.1	4.3	2.8	10.5	7.7	147.6	5.99	102.4	NONE
646460	97	94	6.3	3.7	2.6	10.9	8.4	148.7	6.42	101.2	NONE
646487	81	118	6.9	4.1	2.8	11.3	6.9	148.3	5.99	101.0	NONE
646494	63	105	6.9	4.0	2.9	10.8	8.1	145.6	6.82	102.2	NONE
Male, Group: VII - 500 mg/kg - Day 123											
646337	93	116	7.5	4.6	2.9	11.2	10.2	144.2	7.67	101.0	NONE
646364	72	90	7.4	4.7	2.7	11.4	8.6	149.7	6.23	101.3	NONE
646369	55	123	7.4	4.5	2.9	10.8	9.4	144.5	7.30	101.3	TRACE
646372	67	102	7.4	4.7	2.7	11.3	7.5	148.1	5.47	102.7	NONE
646384	153	116	7.5	4.5	3.0	11.4	10.0	146.1	7.05	98.8	TRACE
646397	46	104	8.1	5.1	3.0	11.5	8.7	146.2	7.18	103.8	NONE
646428	40	111	7.4	4.5	2.9	11.0	8.7	146.9	6.55	103.3	NONE
646448	69	172	7.7	4.9	2.8	11.8	10.3	146.7	5.90	99.9	NONE
646474	93	101	7.6	4.7	2.9	11.5	9.3	148.1	6.51	99.4	NONE
646484	32	87	7.5	4.6	2.9	11.3	10.1	145.5	6.28	100.9	NONE

Individual Serum and Plasma Chemistry Values

Animal Number	PLIP	PICT	PFLU μg/mL	SPEC
Male, Group: I - 0 mg/kg - Day 123				
646371	NONE	NONE	0.1	
646398	NONE	NONE	0.1	
646411	NONE	NONE	0.1	
646416	NONE	NONE	0.1	
646432	NONE	NONE	0.0	
646446	NONE	NONE	0.0	
646459	NONE	NONE	0.2	
646460	NONE	NONE	0.1	
646487	NONE	NONE	0.1	
646494	NONE	NONE	0.0	
Male, Group: VII - 500 mg/kg - Day 123				
646337	NONE	NONE	0.1	
646364	NONE	NONE	0.2	
646369	NONE	NONE	0.1	
646372	NONE	TRACE	0.1	
646384	NONE	NONE	0.1	
646397	NONE	NONE	0.1	
646428	NONE	NONE	0.1	
646448	NONE	NONE	0.1	
646474	NONE	NONE	0.1	
646484	NONE	NONE	0.1	

H-24768: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Individual Serum and Plasma Chemistry Values

Animal Number	SHEM	SLIP	SICT	AST IU/L	ALT IU/L	SDH IU/L	ALKP IU/L	BILI mg/dL	BUN mg/dL	CREA mg/dL	CHOL mg/dL
Male, Group: I - 0 mg/kg - Day 183											
646325	NONE	NONE	NONE	93	38	12.5	84	<0.10	18	0.37	77
646396	NONE	NONE	NONE	94	32	9.9	54	0.12	14	0.38	64
646468	NONE	NONE	NONE	88	40	18.0	97	0.11	16	0.43	145
646495	NONE	NONE	NONE	127	26	5.6	79	0.12	18	0.54	76
Male, Group: III - 25 mg/kg - Day 183											
646368	NONE	NONE	NONE	98	38	16.7	70	0.10	12	0.41	50
646436	NONE	NONE	NONE	70	39	13.9	121	0.15	16	0.45	75
646438	NONE	NONE	NONE	90	42	14.3	94	<0.10	12	0.32	57
646449	NONE	NONE	NONE	105	37	20.4	88	<0.10	18	0.38	75
646453	NONE	NONE	NONE	138	108	25.1	118	<0.10	17	0.46	141
Male, Group: V - 100 mg/kg - Day 183											
646327	TRACE	NONE	NONE	89	35	21.0	67	<0.10	14	0.42	85
646335	NONE	NONE	NONE	89	48	16.6	110	<0.10	15	0.41	91
646376	NONE	NONE	NONE	114	79	20.8	89	<0.10	14	0.29	52
646403	NONE	NONE	NONE	84	38	15.3	91	<0.10	14	0.39	104
Male, Group: VII - 500 mg/kg - Day 183											
646344	TRACE	NONE	NONE	184	115	34.4	87	<0.10	19	0.59	108
646355	NONE	NONE	NONE	102	42	20.9	105	<0.10	18	0.45	59
646361	NONE	NONE	NONE	79	53	18.5	67	<0.10	17	0.38	107
646391	NONE	NONE	NONE	136	77	28.0	90	0.10	17	0.51	58
646466	NONE	NONE	NONE	89	42	25.3	69	<0.10	17	0.44	68

H-24768: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Individual Serum and Plasma Chemistry Values

Animal Number	TRIG mg/dL	GLUC mg/dL	TP g/dL	ALB g/dL	GLOB g/dL	CALC mg/dL	IPHS mg/dL	NA mmol/L	K mmol/L	CL mmol/L	PHEM
Male, Group: I - 0 mg/kg - Day 183											
646325	108	86	7.7	4.5	3.2	10.4	6.7	146.5	6.46	97.3	NONE
646396	39	92	7.2	4.2	3.0	9.9	7.5	145.0	6.51	100.6	SMALL
646468	104	103	7.8	4.7	3.1	10.7	6.6	148.3	5.94	99.6	NONE
646495	45	90	7.0	4.4	2.6	9.5	6.7	146.9	5.77	100.8	NONE
Male, Group: III - 25 mg/kg - Day 183											
646368	122	98	7.1	4.4	2.7	9.9	6.1	147.9	5.80	100.8	NONE
646436	76	88	7.8	4.6	3.2	10.4	6.5	147.3	6.38	99.6	NONE
646438	165	91	7.3	4.5	2.8	10.4	7.1	149.6	5.83	100.3	NONE
646449	111	140	7.0	4.0	3.0	10.4	7.8	147.6	5.97	103.3	NONE
646453	103	85	7.0	3.7	3.3	10.3	7.0	148.4	6.15	100.1	NONE
Male, Group: V - 100 mg/kg - Day 183											
646327	115	117	7.8	4.6	3.2	10.9	8.4	151.1	7.19	103.1	NONE
646335	153	107	7.5	4.4	3.1	10.4	6.8	145.3	6.41	99.4	NONE
646376	51	88	7.1	4.2	2.9	9.9	8.1	147.7	6.32	104.3	NONE
646403	180	107	7.6	4.2	3.4	10.2	6.6	148.1	6.17	100.3	NONE
Male, Group: VII - 500 mg/kg - Day 183											
646344	81	134	7.6	4.4	3.2	11.1	10.3	149.9	7.07	104.9	NONE
646355	74	91	7.2	4.4	2.8	10.4	7.0	149.9	6.23	100.2	NONE
646361	114	105	7.2	4.0	3.2	10.4	8.6	147.3	6.44	103.6	TRACE
646391	52	142	7.8	4.8	3.0	10.8	11.7	153.1	6.70	109.1	NONE
646466	91	107	7.7	4.3	3.4	10.5	7.1	150.4	5.92	100.0	NONE

H-24768: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Individual Serum and Plasma Chemistry Values				
Animal Number	PLIP	PICT	PFLU μg/mL	SPEC
Male, Group: I - 0 mg/kg - Day 183				
646325	NONE	NONE	0.1	Sample status: NECROPSY SAMPLE-FROZEN AT -70C
646396	NONE	NONE	0.1	
646468	NONE	NONE	0.1	
646495	NONE	NONE	0.1	
Male, Group: III - 25 mg/kg - Day 183				
646368	NONE	NONE	0.1	
646436	NONE	NONE	0.1	
646438	NONE	NONE	0.1	
646449	NONE	NONE	0.1	
646453	NONE	NONE	0.1	
Male, Group: V - 100 mg/kg - Day 183				
646327	NONE	NONE	0.1	
646335	NONE	NONE	0.1	
646376	NONE	NONE	0.1	
646403	NONE	NONE	0.1	
Male, Group: VII - 500 mg/kg - Day 183				
646344	NONE	NONE	0.1	
646355	NONE	NONE	0.1	
646361	NONE	NONE	0.1	
646391	NONE	NONE	0.1	
646466	NONE	NONE	0.1	

H-24768: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations
DuPont-5990

Individual Serum and Plasma Chemistry Values

Animal Number	SHEM	SLIP	SICT	AST IU/L	ALT IU/L	SDH IU/L	ALKP IU/L	BILI mg/dL	BUN mg/dL	CREA mg/dL	CHOL mg/dL
Female, Group: II - 0 mg/kg - Day 40											
646537	NONE	NONE	NONE	79	32	17.6	75	0.15	13	0.45	88
646538	NONE	NONE	NONE	74	29	20.0	112	<0.10	17	0.45	52
646560	NONE	NONE	NONE	89	35	24.7	89	0.20	14	0.37	84
646592	TRACE	NONE	NONE	78	42	21.2	118	0.17	15	0.38	72
646612	NONE	NONE	NONE	85	28	22.5	68	0.14	14	0.32	65
646617	NONE	NONE	NONE	80	39	15.5	93	0.14	16	0.38	78
646649	SMALL	NONE	NONE	77	32	19.4	73	0.16	19	0.37	87
646659	NONE	NONE	NONE	77	39	19.4	77	0.13	17	0.38	102
646665	NONE	NONE	NONE	125	51	20.3	66	0.16	16	0.32	91
646676	TRACE	NONE	NONE	80	33	23.8	74	0.11	16	0.43	120
Female, Group: IV - 25 mg/kg - Day 40											
646502	TRACE	NONE	NONE	90	33	18.8	99	0.16	18	0.42	92
646522	TRACE	NONE	NONE	97	37	22.1	114	0.16	18	0.37	76
646567	NONE	NONE	NONE	119	69	34.8	69	0.14	16	0.44	93
646576	TRACE	NONE	NONE	86	35	18.7	80	0.12	12	0.36	87
646595	NONE	NONE	NONE	75	35	20.2	74	0.12	14	0.38	90
646621	TRACE	NONE	NONE	94	49	20.9	79	0.10	16	0.31	102
646635	NONE	NONE	NONE	63	35	14.3	79	0.18	10	0.34	100
646660	NONE	NONE	NONE	103	45	21.2	99	0.12	17	0.36	111
646664	NONE	NONE	NONE	85	35	17.0	92	0.15	17	0.34	95
646673	NONE	NONE	NONE	114	41	19.9	133	0.14	17	0.37	73

H-24768: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations
DuPont-5990

Individual Serum and Plasma Chemistry Values

Animal Number	SHEM	SLIP	SICT	AST IU/L	ALT IU/L	SDH IU/L	ALKP IU/L	BILI mg/dL	BUN mg/dL	CREA mg/dL	CHOL mg/dL
Female, Group: VI - 100 mg/kg - Day 40											
646501	NONE	NONE	NONE	62	36	15.9	97	0.14	15	0.37	99
646505	NONE	NONE	NONE	68	47	19.5	64	0.15	15	0.38	148
646510	NONE	NONE	NONE	72	54	20.1	69	0.16	16	0.35	154
646534	NONE	NONE	NONE	81	49	19.6	107	0.11	25	0.42	117
646556	NONE	NONE	NONE	62	69	18.9	69	0.19	16	0.38	157
646578	NONE	NONE	NONE	59	35	19.8	125	0.13	15	0.35	109
646608	NONE	NONE	NONE	71	30	17.2	68	0.14	17	0.39	113
646624	NONE	NONE	NONE	63	41	14.6	70	0.16	15	0.36	120
646629	NONE	NONE	NONE	74	44	20.0	104	0.15	17	0.36	105
646633	NONE	NONE	NONE	113	48	17.1	90	<0.10	18	0.36	108
Female, Group: VIII - 500 mg/kg - Day 40											
646509	NONE	NONE	NONE	80	65	19.6	190	0.19	24	0.39	120
646535	NONE	NONE	NONE	73	59	15.4	115	0.12	20	0.41	137
646536	NONE	NONE	NONE	62	56	19.9	164	0.18	23	0.47	125
646577	NONE	NONE	NONE	67	66	14.9	159	0.18	17	0.42	99
646593	TRACE	NONE	NONE	86	45	20.0	111	0.18	18	0.41	143
646609	NONE	NONE	NONE	86	84	23.6	299	0.23	29	0.48	99
646610	TRACE	NONE	NONE	100	58	20.0	113	0.14	23	0.45	117
646614	NONE	NONE	NONE	71	69	19.8	146	0.19	23	0.47	104
646657	TRACE	NONE	NONE	63	45	18.1	88	0.18	17	0.40	148
646669	NONE	NONE	TRACE	60	41	17.0	98	0.21	20	0.47	106

H-24768: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Animal Number	Individual Serum and Plasma Chemistry Values									
	TRIG mg/dL	GLUC mg/dL	TP g/dL	ALB g/dL	GLOB g/dL	CALC mg/dL	IPHS mg/dL	NA mmol/L	K mmol/L	CL mmol/L
Female, Group: II - 0 mg/kg - Day 40										
646537	55	99	8.1	5.8	2.3	11.4	6.4	147.2	5.31	98.9
646538	28	107	6.8	4.6	2.2	11.5	8.5	146.6	5.39	100.1
646560	32	98	7.1	4.8	2.3	11.0	7.4	145.4	6.07	98.2
646592	81	100	8.0	5.3	2.7	11.7	7.9	144.6	5.80	97.9
646612	34	99	7.1	5.0	2.1	10.7	6.7	146.1	5.39	100.0
646617	54	94	7.5	5.1	2.4	11.5	7.5	145.8	5.47	100.2
646649	42	103	6.9	4.8	2.1	10.6	7.3	144.5	5.97	98.7
646659	30	119	6.9	4.7	2.2	10.9	7.4	147.3	5.36	97.0
646665	24	91	7.2	5.1	2.1	10.9	6.7	144.9	5.24	99.3
646676	70	103	7.9	5.1	2.8	11.5	7.0	146.4	6.30	98.5
Female, Group: IV - 25 mg/kg - Day 40										
646502	33	91	7.5	5.4	2.1	11.5	7.4	145.8	6.14	100.2
646522	50	97	6.7	4.7	2.0	11.3	8.6	145.0	6.09	99.3
646567	40	105	7.8	5.5	2.3	11.4	6.9	146.4	5.86	98.8
646576	42	105	7.6	4.9	2.7	11.0	6.9	142.2	5.41	98.1
646595	43	93	7.2	5.1	2.1	11.1	7.5	146.1	5.85	99.3
646621	36	113	7.1	4.9	2.2	10.8	7.1	144.8	5.68	100.6
646635	75	111	8.2	5.7	2.5	11.9	7.5	144.5	5.56	96.6
646660	39	91	7.2	4.8	2.4	11.4	8.1	145.4	6.38	100.0
646664	32	100	7.3	5.0	2.3	11.1	7.9	147.4	5.87	99.4
646673	28	98	6.8	4.6	2.2	10.6	7.2	146.3	5.61	99.6

Individual Serum and Plasma Chemistry Values

Animal Number	TRIG mg/dL	GLUC mg/dL	TP g/dL	ALB g/dL	GLOB g/dL	CALC mg/dL	IPHS mg/dL	NA mmol/L	K mmol/L	CL mmol/L
Female, Group: VI - 100 mg/kg - Day 40										
646501	37	109	8.2	6.0	2.2	11.9	7.0	145.7	5.69	98.5
646505	50	99	8.6	6.4	2.2	12.0	6.7	145.2	5.73	97.0
646510	34	93	7.2	5.0	2.2	11.5	8.7	144.4	5.94	98.3
646534	43	89	8.1	5.7	2.4	12.1	9.2	143.2	6.35	94.6
646556	65	96	8.9	6.4	2.5	13.2	7.9	144.6	5.51	93.4
646578	29	109	7.4	5.3	2.1	11.6	7.7	146.9	6.28	97.3
646608	32	98	7.8	5.5	2.3	11.3	7.1	144.9	5.76	99.0
646624	29	106	7.6	5.7	1.9	11.3	6.7	144.9	5.85	100.6
646629	31	103	7.3	5.2	2.1	11.3	7.1	144.3	6.01	97.2
646633	20	104	7.5	5.4	2.1	11.3	9.0	141.8	6.78	100.0
Female, Group: VIII - 500 mg/kg - Day 40										
646509	30	104	7.8	5.7	2.1	11.6	8.6	141.1	6.27	95.9
646535	31	110	7.3	5.3	2.0	11.5	8.5	141.6	6.39	95.1
646536	26	102	8.0	5.6	2.4	11.3	9.6	144.5	6.69	96.0
646577	26	105	7.6	5.3	2.3	11.6	7.5	143.9	5.96	95.5
646593	26	97	7.4	5.3	2.1	12.2	9.6	145.2	7.55	99.0
646609	21	120	7.6	5.5	2.1	12.7	10.9	145.1	5.88	95.3
646610	24	88	7.1	5.1	2.0	11.3	9.8	142.5	6.55	98.0
646614	24	110	7.8	5.6	2.2	11.8	8.2	143.4	6.08	95.2
646657	27	106	8.3	6.0	2.3	12.2	7.4	144.7	5.92	95.9
646669	19	94	7.7	5.6	2.1	11.6	8.7	143.4	6.14	97.3

Individual Serum and Plasma Chemistry Values

Animal Number	SPEC
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Female, Group: II - 0 mg/kg - Day 40

646537
646538
646560
646592
646612
646617
646649
646659
646665
646676

Female, Group: IV - 25 mg/kg - Day 40

646502
646522
646567
646576
646595
646621
646635
646660
646664
646673

Individual Serum and Plasma Chemistry Values

Animal Number	SPEC
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Female, Group: VI - 100 mg/kg - Day 40

646501
646505
646510
646534
646556
646578
646608
646624
646629
646633

Female, Group: VIII - 500 mg/kg - Day 40

646509
646535
646536
646577
646593
646609
646610
646614
646657
646669

H-24768: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Individual Serum and Plasma Chemistry Values

Animal Number	SHEM	SLIP	SICT	AST IU/L	ALT IU/L	SDH IU/L	ALKP IU/L	BILI mg/dL	BUN mg/dL	CREA mg/dL	CHOL mg/dL
Female, Group: II - 0 mg/kg - Day 96											
646537	NONE	NONE	NONE	187	73	55.7	34	0.22	17	0.40	105
646538	NONE	NONE	NONE	78	36	13.9	52	0.12	16	0.45	67
646560	TRACE	NONE	NONE	86	31	16.9	70	0.20	14	0.38	73
646592	NONE	TRACE	NONE	76	40	18.0	56	0.17	13	0.42	84
646612	NONE	NONE	NONE	69	30	13.2	40	0.16	14	0.44	83
646617	NONE	NONE	NONE	81	38	13.1	51	0.13	17	0.39	95
646649	TRACE	NONE	NONE	93	32	15.1	39	0.18	16	0.54	127
646659	TRACE	NONE	NONE	75	36	14.8	38	0.13	18	0.52	97
646665	TRACE	NONE	NONE	324	227	41.5	37	0.19	18	0.37	111
646676	TRACE	NONE	NONE	206	120	45.1	36	0.16	18	0.48	141
Female, Group: IV - 25 mg/kg - Day 96											
646502	TRACE	NONE	NONE	90	35	13.9	48	0.16	19	0.45	91
646522	TRACE	NONE	NONE	68	30	16.7	69	0.18	19	0.45	86
646567	NONE	NONE	NONE	104	43	37.6	39	0.14	17	0.41	110
646576	TRACE	NONE	NONE	281	146	47.8	48	0.12	20	0.48	124
646595	NONE	NONE	NONE	71	38	18.1	36	0.16	16	0.42	111
646621	NONE	NONE	NONE	71	47	19.8	40	0.19	18	0.36	115
646635	NONE	NONE	NONE	83	37	15.0	43	0.14	16	0.40	115
646660	TRACE	NONE	NONE	91	41	19.2	49	0.18	24	0.49	145
646664	NONE	NONE	NONE	65	32	14.0	38	0.11	17	0.45	113
646673	NONE	NONE	NONE	138	48	17.1	48	0.16	19	0.35	80

H-24768: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Individual Serum and Plasma Chemistry Values

Animal Number	SHEM	SLIP	SICT	AST IU/L	ALT IU/L	SDH IU/L	ALKP IU/L	BILI mg/dL	BUN mg/dL	CREA mg/dL	CHOL mg/dL
Female, Group: VI - 100 mg/kg - Day 96											
646501	NONE	NONE	NONE	55	39	13.9	85	0.22	20	0.45	161
646505	NONE	NONE	NONE	72	51	22.3	28	0.16	20	0.36	219
646510	NONE	NONE	NONE	115	46	21.3	29	0.17	21	0.51	205
646534	NONE	NONE	NONE	103	40	12.1	61	0.10	21	0.44	145
646556	NONE	NONE	NONE	69	49	17.4	43	0.16	17	0.46	194
646578	NONE	NONE	NONE	69	34	13.2	59	0.12	17	0.39	112
646608	TRACE	NONE	NONE	58	34	13.6	41	0.17	18	0.51	143
646624	NONE	NONE	NONE	58	36	16.5	43	0.19	15	0.47	126
646629	NONE	NONE	NONE	66	30	17.0	66	0.17	21	0.49	115
646633	NONE	NONE	NONE	88	42	19.3	54	0.11	17	0.47	124
Female, Group: VIII - 500 mg/kg - Day 96											
646509	NONE	NONE	NONE	66	53	14.4	119	0.26	20	0.50	130
646535	NONE	NONE	NONE	72	64	15.2	108	0.17	20	0.49	119
646536	NONE	NONE	NONE	63	40	19.3	118	0.20	16	0.47	247
646577	NONE	NONE	NONE	64	44	16.6	64	0.20	22	0.49	155
646593	TRACE	NONE	NONE	156	52	19.8	78	0.23	19	0.48	154
646609	NONE	NONE	NONE	83	45	14.9	187	0.11	18	0.41	87
646610	NONE	NONE	NONE	91	50	19.7	90	0.16	23	0.54	145
646614	NONE	NONE	NONE	69	54	21.8	77	0.23	23	0.56	132
646657	NONE	NONE	NONE	73	43	29.8	39	0.26	19	0.49	187
646669	NONE	NONE	NONE	57	33	14.1	53	0.25	20	0.56	123

H-24768: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Individual Serum and Plasma Chemistry Values

Animal Number	TRIG mg/dL	GLUC mg/dL	TP g/dL	ALB g/dL	GLOB g/dL	CALC mg/dL	IPHS mg/dL	NA mmol/L	K mmol/L	CL mmol/L	PHEM
Female, Group: II - 0 mg/kg - Day 96											
646537	104	110	8.6	6.1	2.5	12.0	5.6	145.2	5.36	99.0	NONE
646538	49	107	7.3	5.0	2.3	11.3	6.5	145.7	4.78	101.3	TRACE
646560	40	99	7.2	4.8	2.4	10.8	5.2	147.0	5.88	101.0	TRACE
646592	214	97	8.5	5.8	2.7	11.9	5.1	145.3	5.16	99.6	TRACE
646612	49	105	8.1	5.7	2.4	11.3	5.4	146.4	5.17	101.1	TRACE
646617	69	98	8.2	5.3	2.9	11.6	6.0	147.1	5.94	101.1	NONE
646649	54	105	7.7	5.2	2.5	10.9	5.3	146.4	5.72	104.1	NONE
646659	48	113	7.7	5.3	2.4	11.1	5.3	146.1	5.65	99.7	TRACE
646665	32	102	7.4	5.1	2.3	10.6	5.0	144.8	5.52	103.9	NONE
646676	76	98	8.5	5.6	2.9	11.2	5.3	144.0	5.82	99.5	NONE
Female, Group: IV - 25 mg/kg - Day 96											
646502	30	92	7.8	5.6	2.2	11.1	5.5	145.2	5.98	100.6	NONE
646522	41	104	7.3	5.0	2.3	11.3	6.3	146.2	5.67	101.0	TRACE
646567	59	104	8.6	6.1	2.5	11.7	5.8	145.5	5.22	97.7	NONE
646576	64	107	9.0	5.9	3.1	11.7	6.8	143.8	5.96	99.7	NONE
646595	50	106	8.1	5.7	2.4	11.4	5.6	144.6	5.61	99.2	TRACE
646621	56	112	8.3	5.6	2.7	11.9	6.4	146.6	5.68	100.6	NONE
646635	58	106	9.0	6.2	2.8	11.7	5.6	145.1	5.11	99.3	TRACE
646660	42	96	9.2	6.2	3.0	12.0	6.2	145.5	4.82	96.1	TRACE
646664	34	99	8.6	5.9	2.7	11.5	5.1	146.6	5.58	99.4	NONE
646673	25	94	7.2	5.0	2.2	10.6	5.4	147.1	5.08	101.7	NONE

H-24768: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Individual Serum and Plasma Chemistry Values

Animal Number	TRIG mg/dL	GLUC mg/dL	TP g/dL	ALB g/dL	GLOB g/dL	CALC mg/dL	IPHS mg/dL	NA mmol/L	K mmol/L	CL mmol/L	PHEM
Female, Group: VI - 100 mg/kg - Day 96											
646501	59	118	9.4	6.6	2.8	12.5	6.7	145.1	5.15	98.6	NONE
646505	72	98	9.2	6.5	2.7	12.4	5.3	145.8	4.70	96.8	NONE
646510	34	86	8.9	6.2	2.7	12.3	6.8	146.1	5.81	99.8	NONE
646534	44	88	8.3	5.7	2.6	11.7	7.9	142.5	6.17	102.3	NONE
646556	33	81	8.9	6.2	2.7	12.2	6.6	145.7	5.16	96.4	NONE
646578	36	106	8.2	5.8	2.4	11.6	5.0	145.2	5.49	98.6	TRACE
646608	34	95	8.9	6.2	2.7	11.9	5.4	144.2	5.29	96.9	TRACE
646624	23	103	8.9	6.3	2.6	11.8	5.7	145.7	5.17	98.0	NONE
646629	26	99	8.5	6.0	2.5	11.9	6.2	145.8	5.70	97.7	NONE
646633	31	114	8.8	6.0	2.8	12.4	7.6	147.3	6.61	99.5	NONE
Female, Group: VIII - 500 mg/kg - Day 96											
646509	23	100	9.1	6.5	2.6	12.3	6.6	146.5	5.67	99.5	NONE
646535	24	102	9.0	6.1	2.9	12.3	7.2	146.0	6.02	97.3	NONE
646536	27	101	8.5	5.6	2.9	11.9	6.5	145.3	5.65	96.5	NONE
646577	24	103	9.0	6.4	2.6	12.2	6.5	143.5	5.82	95.7	NONE
646593	25	98	8.4	5.8	2.6	12.3	7.7	148.4	7.14	102.8	NONE
646609	25	98	8.2	5.9	2.3	12.0	7.2	143.9	6.30	97.7	TRACE
646610	22	90	8.1	5.5	2.6	11.5	7.5	143.1	5.84	95.5	TRACE
646614	18	108	8.7	6.2	2.5	12.3	6.8	145.3	6.08	97.3	NONE
646657	25	109	9.6	6.8	2.8	12.7	6.4	144.0	5.36	93.8	NONE
646669	15	93	9.1	6.5	2.6	12.0	6.2	146.0	5.63	98.4	NONE

Individual Serum and Plasma Chemistry Values

Animal Number	PLIP	PICT	PFLU μg/mL	SPEC
Female, Group: II - 0 mg/kg - Day 96				
646537	NONE	NONE	0.1	
646538	NONE	NONE	0.1	
646560	NONE	NONE	0.2	
646592	NONE	NONE	0.1	
646612	NONE	NONE	0.1	
646617	NONE	NONE	0.1	
646649	NONE	NONE	0.1	
646659	NONE	NONE	0.2	
646665	NONE	NONE	0.2	
646676	NONE	NONE	0.1	
Female, Group: IV - 25 mg/kg - Day 96				
646502	NONE	NONE	0.1	
646522	NONE	NONE	0.2	
646567	NONE	NONE	0.1	
646576	NONE	NONE	0.1	
646595	NONE	NONE	0.1	
646621	NONE	NONE	0.1	
646635	NONE	NONE	0.1	
646660	NONE	NONE	0.1	
646664	NONE	NONE	0.1	
646673	NONE	NONE	0.1	

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Individual Serum and Plasma Chemistry Values

Animal Number	PLIP	PICT	PFLU μg/mL	SPEC
Female, Group: VI - 100 mg/kg - Day 96				
646501	NONE	NONE	0.2	
646505	NONE	NONE	0.1	
646510	NONE	NONE	0.2	
646534	NONE	NONE	0.2	
646556	NONE	NONE	0.2	
646578	NONE	NONE	0.2	
646608	NONE	NONE	0.2	
646624	NONE	NONE	0.2	
646629	NONE	NONE	0.2	
646633	NONE	NONE	0.2	
Female, Group: VIII - 500 mg/kg - Day 96				
646509	NONE	NONE	0.6	
646535	NONE	NONE	0.3	
646536	NONE	NONE	0.6	
646577	NONE	NONE	0.5	
646593	NONE	NONE	0.5	
646609	NONE	NONE	0.6	
646610	NONE	NONE	0.4	
646614	NONE	NONE	0.4	
646657	NONE	NONE	0.7	
646669	NONE	NONE	0.4	

Individual Serum and Plasma Chemistry Values

Animal Number	SHEM	SLIP	SICT	AST IU/L	ALT IU/L	SDH IU/L	ALKP IU/L	BILI mg/dL	BUN mg/dL	CREA mg/dL	CHOL mg/dL
Female, Group: II - 0 mg/kg - Day 124											
646511	NONE	NONE	NONE	134	75	31.9	43	0.20	14	0.46	71
646549	TRACE	NONE	NONE	83	37	20.3	33	0.21	20	0.50	135
646551	NONE	NONE	NONE	70	32	21.7	38	0.17	17	0.54	90
646565	NONE	NONE	NONE	175	113	34.2	36	0.16	15	0.52	104
646580	NONE	NONE	NONE	87	33	18.4	57	0.14	16	0.49	56
646581	NONE	NONE	NONE	109	43	25.1	29	0.16	15	0.48	90
646586	NONE	NONE	NONE	247	140	33.6	30	0.23	22	0.53	111
646613	TRACE	NONE	NONE	100	40	26.5	47	0.14	19	0.63	59
646627	NONE	NONE	NONE	67	44	19.1	48	0.21	14	0.49	129
646652	TRACE	NONE	NONE	100	62	19.7	28	0.23	16	0.45	120
Female, Group: VIII - 500 mg/kg - Day 124											
646506	NONE	NONE	NONE	120	41	18.2	60	0.15	21	0.42	89
646508	NONE	NONE	NONE	94	43	47.4	28	0.12	18	0.50	130
646540	NONE	NONE	NONE	90	36	26.8	28	0.21	18	0.53	115
646542	NONE	NONE	NONE	89	42	30.9	22	0.19	16	0.40	195
646545	NONE	NONE	NONE	117	45	57.0	31	0.20	17	0.55	158
646548	NONE	NONE	NONE	96	33	21.3	54	0.13	14	0.48	128
646599	NONE	NONE	NONE	74	29	21.3	42	0.16	22	0.50	165
646618	NONE	NONE	NONE	69	28	18.6	26	0.14	20	0.53	121
646637	NONE	NONE	NONE	77	24	19.8	36	0.18	20	0.58	145
646650	NONE	NONE	NONE	70	23	19.4	37	0.12	14	0.47	132

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Individual Serum and Plasma Chemistry Values

Animal Number	TRIG mg/dL	GLUC mg/dL	TP g/dL	ALB g/dL	GLOB g/dL	CALC mg/dL	IPHS mg/dL	NA mmol/L	K mmol/L	CL mmol/L	PHEM
Female, Group: II - 0 mg/kg - Day 124											
646511	151	95	7.7	5.2	2.5	11.1	5.7	143.5	5.24	97.8	SMALL
646549	104	103	8.2	5.9	2.3	11.4	8.0	140.6	6.23	96.6	TRACE
646551	99	103	8.5	6.0	2.5	11.5	6.1	142.8	6.14	98.5	SMALL
646565	84	108	8.0	5.5	2.5	11.1	6.2	144.6	6.50	102.0	NONE
646580	40	98	7.6	4.7	2.9	10.8	6.3	143.7	5.55	99.0	NONE
646581	118	100	8.4	5.6	2.8	11.5	6.2	146.8	6.00	97.6	NONE
646586	62	113	8.3	5.7	2.6	11.8	6.6	141.7	5.38	97.6	NONE
646613	139	124	8.6	5.9	2.7	12.1	7.8	147.6	7.48	102.5	NONE
646627	52	99	8.8	6.0	2.8	11.8	5.7	145.0	5.31	95.8	TRACE
646652	108	113	8.1	5.6	2.5	11.6	5.8	141.2	5.20	96.6	NONE
Female, Group: VIII - 500 mg/kg - Day 124											
646506	46	90	8.3	5.3	3.0	10.7	8.2	143.5	6.85	100.7	NONE
646508	115	92	9.2	6.0	3.2	12.2	6.7	144.1	5.20	97.1	TRACE
646540	50	87	8.7	6.1	2.6	11.5	6.4	144.9	5.13	98.1	NONE
646542	89	103	8.6	5.6	3.0	11.1	6.5	145.0	5.92	97.9	NONE
646545	120	92	9.4	6.2	3.2	12.4	6.9	143.9	5.26	96.5	NONE
646548	71	93	9.5	6.3	3.2	11.8	6.4	144.5	5.18	96.5	NONE
646599	53	100	8.9	6.2	2.7	11.7	6.7	143.8	6.44	101.1	NONE
646618	64	81	8.3	5.4	2.9	11.3	6.3	146.7	5.85	99.7	SMALL
646637	93	91	9.3	6.2	3.1	11.6	6.2	143.8	5.39	95.0	TRACE
646650	75	92	8.5	5.2	3.3	11.5	7.8	142.4	7.22	98.9	NONE

H-24768: Subchronic Toxicity

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Individual Serum and Plasma Chemistry Values

Animal Number	PLIP	PICT	PFLU μg/mL	SPEC
Female, Group: II - 0 mg/kg - Day 124				
646511	NONE	NONE	0.0	
646549	TRACE	NONE	0.0	
646551	NONE	NONE	0.0	
646565	NONE	NONE	0.0	
646580	NONE	NONE	0.0	
646581	NONE	NONE	0.0	
646586	NONE	NONE	0.0	
646613	NONE	NONE	0.0	
646627	NONE	NONE	0.0	
646652	NONE	NONE	0.1	
Female, Group: VIII - 500 mg/kg - Day 124				
646506	NONE	NONE	0.1	
646508	NONE	NONE	0.0	
646540	NONE	NONE	0.1	
646542	NONE	NONE	0.1	
646545	NONE	NONE	0.0	
646548	NONE	NONE	0.0	
646599	NONE	NONE	0.1	
646618	NONE	NONE	0.2	
646637	NONE	NONE	0.1	
646650	NONE	NONE	0.0	

H-24768: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

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Individual Serum and Plasma Chemistry Values

Animal Number	SHEM	SLIP	SICT	AST IU/L	ALT IU/L	SDH IU/L	ALKP IU/L	BILI mg/dL	BUN mg/dL	CREA mg/dL	CHOL mg/dL
Female, Group: II - 0 mg/kg - Day 183											
646507	NONE	NONE	NONE	171	85	16.1	44	0.15	14	0.56	94
646530	NONE	NONE	NONE	107	38	9.7	24	0.14	20	0.56	130
646588	NONE	NONE	NONE	81	28	10.5	35	0.18	16	0.52	81
646597	NONE	NONE	NONE	79	37	19.4	28	0.11	11	0.40	106
Female, Group: IV - 25 mg/kg - Day 183											
646531	NONE	NONE	NONE	91	50	13.4	35	0.11	20	0.51	133
646568	NONE	NONE	NONE	109	35	7.7	27	<0.10	16	0.45	170
646625	NONE	NONE	NONE	67	30	14.5	23	0.20	14	0.47	137
646626	NONE	NONE	NONE	54	44	11.9	37	0.16	14	0.40	111
646636	NONE	NONE	NONE	72	35	11.9	59	0.10	17	0.52	92
Female, Group: VI - 100 mg/kg - Day 183											
646533	NONE	NONE	NONE	115	35	15.1	32	<0.10	18	0.59	84
646630	NONE	NONE	NONE	74	27	20.3	19	0.10	13	0.60	228
646632	NONE	NONE	NONE	65	45	10.7	22	0.10	18	0.46	126
646634	NONE	NONE	NONE	113	70	18.9	31	<0.10	23	0.57	91
646656	NONE	NONE	NONE	95	41	18.7	30	0.12	16	0.44	183
Female, Group: VIII - 500 mg/kg - Day 183											
646523	NONE	NONE	NONE	155	63	23.1	50	0.16	15	0.54	121
646528	NONE	NONE	NONE	92	40	11.5	58	0.11	19	0.45	87
646601	NONE	NONE	NONE	90	23	10.4	29	0.12	17	0.52	174
646620	NONE	NONE	NONE	159	90	18.3	54	0.10	20	0.51	111
646667	NONE	NONE	NONE	95	38	27.9	29	0.12	20	0.47	174

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Individual Serum and Plasma Chemistry Values											
Animal Number	TRIG mg/dL	GLUC mg/dL	TP g/dL	ALB g/dL	GLOB g/dL	CALC mg/dL	IPHS mg/dL	NA mmol/L	K mmol/L	CL mmol/L	PHEM
Female, Group: II - 0 mg/kg - Day 183											
646507	33	104	8.0	5.2	2.8	10.6	5.8	144.5	5.62	102.8	NONE
646530	101	93	8.4	5.3	3.1	10.5	4.5	145.1	5.56	103.5	TRACE
646588	37	87	8.6	5.9	2.7	10.7	4.7	147.4	4.97	101.0	NONE
646597	105	107	8.4	5.5	2.9	10.9	6.1	142.6	5.29	98.1	TRACE
Female, Group: IV - 25 mg/kg - Day 183											
646531	190	92	8.2	5.4	2.8	10.9	5.2	146.4	5.13	101.1	TRACE
646568	125	100	8.3	5.5	2.8	11.1	5.9	144.8	5.95	101.4	TRACE
646625	87	92	8.7	5.9	2.8	11.2	4.9	147.0	5.72	100.6	NONE
646626	119	117	9.0	6.1	2.9	11.2	6.1	145.4	5.26	99.4	TRACE
646636	139	96	8.2	5.5	2.7	11.2	5.6	148.5	5.77	100.0	TRACE
Female, Group: VI - 100 mg/kg - Day 183											
646533	79	101	8.8	5.3	3.5	11.6	10.7	149.8	6.56	107.8	NSR
646630	119	100	9.5	5.7	3.8	12.4	8.8	152.8	7.07	103.3	TRACE
646632	67	104	8.5	5.5	3.0	11.2	5.1	146.5	5.25	98.8	NONE
646634	57	99	8.0	4.9	3.1	10.7	5.9	143.8	5.32	100.6	NONE
646656	420	104	8.5	5.4	3.1	10.6	5.7	145.1	5.14	100.1	TRACE
Female, Group: VIII - 500 mg/kg - Day 183											
646523	45	117	8.4	5.1	3.3	11.5	7.4	147.6	6.74	105.9	NONE
646528	103	93	8.1	4.8	3.3	10.6	6.9	143.6	6.23	101.7	TRACE
646601	114	116	9.1	5.9	3.2	12.2	12.4	148.9	7.64	104.8	NSR
646620	75	100	8.0	4.7	3.3	10.4	5.3	142.5	5.54	100.7	NONE
646667	202	103	9.0	5.5	3.5	11.3	3.8	145.3	4.47	97.3	NONE

Individual Serum and Plasma Chemistry Values

Animal Number	PLIP	PICT	PFLU µg/mL	SPEC
Female, Group: II - 0 mg/kg - Day 183				
646507	NONE	NONE	0.1	
646530	NONE	NONE	0.1	
646588	NONE	NONE	0.0	
646597	NONE	NONE	0.1	
Female, Group: IV - 25 mg/kg - Day 183				
646531	NONE	NONE	0.1	
646568	NONE	NONE	0.0	
646625	NONE	NONE	0.1	
646626	NONE	NONE	0.1	
646636	NONE	NONE	0.1	
Female, Group: VI - 100 mg/kg - Day 183				
646533	NT	NT	NSR	
646630	NONE	NONE	0.0	
646632	NONE	NONE	0.1	
646634	NONE	NONE	0.1	
646656	NONE	NONE	0.1	
Female, Group: VIII - 500 mg/kg - Day 183				
646523	NONE	NONE	0.1	
646528	NONE	NONE	0.1	
646601	NT	NT	NSR	
646620	NONE	NONE	0.1	
646667	NONE	NONE	0.1	

Individual Urinalysis Values

Animal Number	QUAL	COL	CLAR	VOL mL	UOSM mOsm/kg	SG	pH	UGLU mg/dL	KET mg/dL	UBIL	BLD
Male, Group: I - 0 mg/kg - Day 39											
646360	LIGHT	YELLOW	CLEAR	26.5	395	1.014	7.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646367	LIGHT	YELLOW	CLEAR	7.0	1166	1.036	7.0	NEGATIVE	15	NEGATIVE	NEGATIVE
646374	LIGHT	YELLOW	CLEAR	12.4	802	1.025	7.0	NEGATIVE	15	NEGATIVE	NEGATIVE
646379	LIGHT	YELLOW	CLEAR	8.6	1020	1.030	7.0	NEGATIVE	15	NEGATIVE	NEGATIVE
646420	LIGHT	YELLOW	HAZY	18.0	540	1.018	7.5	NEGATIVE	5	NEGATIVE	NEGATIVE
646427	LIGHT	YELLOW	HAZY	14.2	584	1.019	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE
646482	LIGHT	YELLOW	HAZY	9.2	930	1.029	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE
646485	LIGHT	YELLOW	HAZY	6.3	1092	1.035	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE
646489	LIGHT	YELLOW	CLOUDY	15.2	614	1.021	7.5	NEGATIVE	5	NEGATIVE	NEGATIVE
646492	LIGHT	YELLOW	CLEAR	23.2	425	1.014	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Male, Group: III - 25 mg/kg - Day 39											
646370	LIGHT	YELLOW	CLOUDY	2.6	794	1.024	7.5	NEGATIVE	5	NEGATIVE	NEGATIVE
646399	LIGHT	YELLOW	CLEAR	19.4	661	1.021	7.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646414	LIGHT	YELLOW	HAZY	28.0	373	1.013	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646421	LIGHT	YELLOW	CLEAR	16.8	495	1.016	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE
646423	LIGHT	YELLOW	CLEAR	12.6	674	1.022	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE
646426	LIGHT	YELLOW	CLOUDY	6.3	1246	1.038	7.0	NEGATIVE	15	NEGATIVE	NEGATIVE
646443	MEDIUM	YELLOW	HAZY	3.3	2145	1.061	6.5	NEGATIVE	5	SMALL	NEGATIVE
646454	LIGHT	YELLOW	CLEAR	21.8	476	1.015	7.5	NEGATIVE	5	NEGATIVE	NEGATIVE
646458	LIGHT	YELLOW	HAZY	7.0	1110	1.035	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE
646471	LIGHT	YELLOW	CLEAR	30.2	454	1.015	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE

Individual Urinalysis Values

Animal Number	QUAL	COL	CLAR	VOL mL	UOSM mOsm/kg	SG	pH	UGLU mg/dL	KET mg/dL	UBIL	BLD
Male, Group: V - 100 mg/kg - Day 39											
646349	LIGHT	YELLOW	CLEAR	5.3	1368	1.041	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE
646373	MEDIUM	YELLOW	HAZY	6.0	1901	1.058	6.5	NEGATIVE	15	NEGATIVE	NEGATIVE
646385	LIGHT	YELLOW	HAZY	15.8	581	1.019	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646435	MEDIUM	YELLOW	HAZY	2.7	2031	1.060	6.0	NEGATIVE	15	SMALL	LARGE
646455	LIGHT	YELLOW	CLEAR	21.0	479	1.016	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE
646456	LIGHT	YELLOW	HAZY	9.4	772	1.025	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE
646463	LIGHT	YELLOW	CLEAR	10.6	702	1.022	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646469	LIGHT	YELLOW	CLEAR	12.2	775	1.024	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646472	LIGHT	YELLOW	CLEAR	39.5	214	1.007	7.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646488	MEDIUM	YELLOW	HAZY	7.0	1198	1.038	7.0	NEGATIVE	5	SMALL	NEGATIVE
Male, Group: VII - 500 mg/kg - Day 39											
646343	MEDIUM	YELLOW	CLEAR	2.5	2069	1.059	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646346	LIGHT	YELLOW	CLEAR	28.0	436	1.014	7.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646347	LIGHT	YELLOW	CLEAR	48.0	210	1.007	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646388	LIGHT	YELLOW	HAZY	46.0	264	1.009	7.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646407	MEDIUM	YELLOW	CLEAR	7.2	1566	1.048	6.5	NEGATIVE	NEGATIVE	SMALL	NEGATIVE
646413	LIGHT	YELLOW	CLEAR	31.5	306	1.010	7.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646433	LIGHT	YELLOW	CLEAR	50.3	216	1.007	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646437	LIGHT	YELLOW	CLEAR	13.2	845	1.027	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE
646442	LIGHT	YELLOW	CLEAR	30.0	349	1.012	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646475	LIGHT	YELLOW	CLEAR	39.0	290	1.010	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE

Individual Urinalysis Values

Animal Number	URO EU/dL	UMTP mg/dL	SPEC
Male, Group: I - 0 mg/kg - Day 39			
646360	0.2	16	
646367	0.2	48	
646374	0.2	38	
646379	0.2	85	
646420	0.2	138	
646427	0.2	25	
646482	0.2	77	
646485	0.2	109	
646489	0.2	52	
646492	0.2	15	
Male, Group: III - 25 mg/kg - Day 39			
646370	0.2	74	
646399	0.2	31	
646414	0.2	13	
646421	0.2	24	
646423	0.2	35	
646426	0.2	122	
646443	0.2	178	
646454	0.2	19	
646458	0.2	81	
646471	0.2	14	

Individual Urinalysis Values

Animal Number	URO EU/dL	UMTP mg/dL	SPEC
Male, Group: V - 100 mg/kg - Day 39			
646349	0.2	95	
646373	0.2	182	
646385	0.2	22	FECAL CONTAMINATION OBSERVED
646435	0.2	197	
646455	0.2	34	
646456	0.2	36	
646463	0.2	36	
646469	0.2	43	
646472	0.2	9	
646488	0.2	129	FECAL CONTAMINATION OBSERVED
Male, Group: VII - 500 mg/kg - Day 39			
646343	0.2	125	
646346	0.2	16	
646347	0.2	7	FECAL CONTAMINATION OBSERVED
646388	0.2	12	
646407	0.2	159	FECAL CONTAMINATION OBSERVED
646413	0.2	9	
646433	0.2	<6	
646437	0.2	23	
646442	0.2	9	
646475	0.2	9	

Individual Urinalysis Values

Animal Number	QUAL	COL	CLAR	VOL mL	UOSM mOsm/kg	SG	pH	UGLUJ mg/dL	KET mg/dL	UBIL	BLD
Male, Group: I - 0 mg/kg - Day 95											
646360	MEDIUM	YELLOW	CLEAR	11.0	1033	1.036	6.0	NEGATIVE	5	NEGATIVE	NEGATIVE
646367	MEDIUM	YELLOW	CLEAR	2.0	1917	1.057	6.0	NEGATIVE	15	NEGATIVE	NEGATIVE
646374	MEDIUM	YELLOW	HAZY	6.8	1849	1.056	6.5	NEGATIVE	15	NEGATIVE	NEGATIVE
646379	MEDIUM	YELLOW	CLEAR	12.2	995	1.031	6.0	NEGATIVE	5	NEGATIVE	NEGATIVE
646420	LIGHT	YELLOW	CLOUDY	23.2	574	1.020	8.5	NEGATIVE	NEGATIVE	NEGATIVE	LARGE
646427	LIGHT	YELLOW	HAZY	11.4	825	1.026	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE
646482	MEDIUM	YELLOW	CLEAR	4.0	2319	1.068	6.5	NEGATIVE	5	NEGATIVE	NEGATIVE
646485	LIGHT	YELLOW	HAZY	6.0	1119	1.036	7.5	NEGATIVE	5	NEGATIVE	NEGATIVE
646489	MEDIUM	YELLOW	HAZY	11.6	832	1.028	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646492	LIGHT	YELLOW	HAZY	13.2	836	1.027	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Male, Group: III - 25 mg/kg - Day 95											
646370	LIGHT	YELLOW	HAZY	8.3	1076	1.034	7.5	NEGATIVE	5	NEGATIVE	NEGATIVE
646399	LIGHT	YELLOW	HAZY	13.8	784	1.026	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646414	LIGHT	YELLOW	CLEAR	7.9	1205	1.040	6.5	NEGATIVE	5	NEGATIVE	NEGATIVE
646421	LIGHT	YELLOW	CLEAR	17.0	639	1.023	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646423	LIGHT	YELLOW	CLEAR	7.1	1258	1.041	7.0	NEGATIVE	15	NEGATIVE	NEGATIVE
646426	LIGHT	YELLOW	CLOUDY	8.0	1679	1.049	6.5	NEGATIVE	15	NEGATIVE	NEGATIVE
646443	LIGHT	YELLOW	HAZY	8.3	1184	1.039	6.5	NEGATIVE	5	NEGATIVE	NEGATIVE
646454	LIGHT	YELLOW	HAZY	19.0	672	1.022	6.0	NEGATIVE	5	NEGATIVE	NEGATIVE
646458	MEDIUM	YELLOW	HAZY	6.2	1493	1.046	7.5	NEGATIVE	5	NEGATIVE	TRACE
646471	LIGHT	YELLOW	CLEAR	39.0	467	1.016	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE

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90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

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Individual Urinalysis Values

Animal Number	QUAL	COL	CLAR	VOL mL	UOSM mosm/kg	SG	pH	UGLU mg/dL	KET mg/dL	UBIL	BLD
Male, Group: V - 100 mg/kg - Day 95											
646349	LIGHT	YELLOW	CLEAR	4.5	1218	1.039	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646373	MEDIUM	YELLOW	HAZY	7.0	1686	1.053	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE
646385	MEDIUM	YELLOW	CLEAR	10.8	1199	1.039	6.0	NEGATIVE	5	NEGATIVE	NEGATIVE
646435	MEDIUM	YELLOW	CLEAR	5.5	1852	1.055	6.5	NEGATIVE	5	NEGATIVE	NEGATIVE
646455	LIGHT	YELLOW	CLEAR	19.0	620	1.022	6.0	NEGATIVE	5	NEGATIVE	NEGATIVE
646456	LIGHT	YELLOW	HAZY	10.2	867	1.029	5.5	NEGATIVE	5	NEGATIVE	NEGATIVE
646463	LIGHT	YELLOW	CLEAR	6.3	1084	1.036	6.0	NEGATIVE	5	NEGATIVE	NEGATIVE
646469	LIGHT	YELLOW	CLEAR	7.4	1008	1.031	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646472	MEDIUM	YELLOW	HAZY	11.4	925	1.030	5.5	NEGATIVE	5	NEGATIVE	NEGATIVE
646488	MEDIUM	YELLOW	CLEAR	4.0	1763	1.054	6.5	NEGATIVE	5	SMALL	NEGATIVE
Male, Group: VII - 500 mg/kg - Day 95											
646343	LIGHT	YELLOW	CLEAR	27.0	705	1.023	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646346	LIGHT	YELLOW	HAZY	46.0	408	1.016	5.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646347	LIGHT	YELLOW	CLEAR	64.0	242	1.009	5.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646388	LIGHT	YELLOW	HAZY	40.0	377	1.014	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646407	LIGHT	YELLOW	HAZY	31.0	591	1.022	5.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646413	LIGHT	YELLOW	CLEAR	42.0	381	1.015	5.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646433	LIGHT	YELLOW	CLOUDY	19.4	687	1.024	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646437	LIGHT	YELLOW	CLEAR	20.6	753	1.025	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646442	LIGHT	YELLOW	HAZY	18.4	662	1.024	5.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646475	LIGHT	YELLOW	CLOUDY	64.0	251	1.009	6.0	NEGATIVE	NEGATIVE	NEGATIVE	TRACE

Individual Urinalysis Values

Animal Number	URO EU/dL	UFLU µg	UMTP mg/dL	SPEC
Male, Group: I - 0 mg/kg - Day 95				
646360	0.2	12.7	75	
646367	0.2	3.8	85	
646374	0.2	12.6	169	
646379	0.2	13.0	41	
646420	0.2	23.9	208	
646427	0.2	10.5	40	
646482	0.2	6.7	190	
646485	0.2	9.4	98	
646489	0.2	14.6	62	
646492	0.2	13.8	45	
Male, Group: III - 25 mg/kg - Day 95				
646370	0.2	53.5	107	
646399	0.2	48.2	40	
646414	0.2	53.4	65	
646421	0.2	43.3	32	
646423	0.2	45.0	78	
646426	0.2	35.4	158	
646443	0.2	49.2	83	
646454	0.2	54.4	23	
646458	0.2	44.7	97	
646471	0.2	78.9	11	

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Individual Urinalysis Values

Animal Number	URO EU/dL	UFLU µg	UMTP mg/dL	SPEC
Male, Group: V - 100 mg/kg - Day 95				
646349	0.2	86.3	76	
646373	0.2	198.6	172	
646385	0.2	171.0	63	
646435	0.2	115.6	119	
646455	0.2	181.1	37	
646456	0.2	168.1	36	
646463	0.2	117.0	79	
646469	0.2	108.2	70	
646472	0.2	160.7	75	
646488	0.2	101.1	187	
Male, Group: VII - 500 mg/kg - Day 95				
646343	0.2	791.0	23	
646346	0.2	716.8	21	
646347	0.2	660.8	<6	
646388	0.2	680.6	91	
646407	0.2	686.6	169	
646413	0.2	575.9	12	
646433	0.2	548.3	22	
646437	0.2	591.6	17	
646442	0.2	499.6	14	
646475	0.2	574.6	<6	

Individual Urinalysis Values

Animal Number	QUAL	COL	CLAR	VOL mL	UOSM mOsm/kg	SG	pH	UGLU mg/dL	KET mg/dL	UBIL	BLD
Male, Group: I - 0 mg/kg - Day 123											
646371	MEDIUM	YELLOW	HAZY	2.4	2613	1.075	6.5	NEGATIVE	15	SMALL	NEGATIVE
646398	LIGHT	YELLOW	CLEAR	20.6	551	1.017	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646411	MEDIUM	YELLOW	HAZY	6.8	1493	1.050	6.5	NEGATIVE	5	NEGATIVE	NEGATIVE
646416	LIGHT	YELLOW	HAZY	4.0	1650	1.054	6.5	NEGATIVE	5	NEGATIVE	NEGATIVE
646432	LIGHT	YELLOW	HAZY	8.0	1185	1.040	6.5	NEGATIVE	15	NEGATIVE	NEGATIVE
646446	MEDIUM	YELLOW	HAZY	4.8	1620	1.051	6.5	NEGATIVE	15	NEGATIVE	NEGATIVE
646459	LIGHT	YELLOW	HAZY	11.4	839	1.025	7.0	NEGATIVE	15	NEGATIVE	NEGATIVE
646460	LIGHT	YELLOW	CLEAR	14.6	625	1.021	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646487	MEDIUM	YELLOW	HAZY	2.5	2559	1.073	6.5	NEGATIVE	5	NEGATIVE	NEGATIVE
646494	LIGHT	YELLOW	HAZY	4.6	1519	1.048	6.5	NEGATIVE	5	NEGATIVE	NEGATIVE
Male, Group: VII - 500 mg/kg - Day 123											
646337	LIGHT	YELLOW	CLOUDY	9.8	1366	1.043	6.5	NEGATIVE	5	NEGATIVE	NEGATIVE
646364	LIGHT	YELLOW	HAZY	8.0	1027	1.034	6.5	NEGATIVE	5	NEGATIVE	NEGATIVE
646369	LIGHT	YELLOW	CLEAR	7.6	1127	1.038	7.0	NEGATIVE	5	NEGATIVE	NEGATIVE
646372	LIGHT	YELLOW	CLEAR	5.8	1603	1.050	6.0	NEGATIVE	5	NEGATIVE	NEGATIVE
646384	LIGHT	YELLOW	CLEAR	20.4	674	1.022	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646397	LIGHT	YELLOW	CLEAR	5.6	1495	1.050	6.5	NEGATIVE	5	NEGATIVE	NEGATIVE
646428	LIGHT	YELLOW	HAZY	10.4	815	1.026	6.5	NEGATIVE	15	NEGATIVE	NEGATIVE
646448	LIGHT	YELLOW	HAZY	15.2	1095	1.034	6.5	NEGATIVE	5	NEGATIVE	NEGATIVE
646474	MEDIUM	YELLOW	CLEAR	3.4	2338	1.070	6.0	NEGATIVE	15	NEGATIVE	TRACE
646484	LIGHT	YELLOW	HAZY	11.4	1079	1.031	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE

Individual Urinalysis Values

Animal Number	URO EU/dL	UFLU µg	UMTP mg/dL	SPEC
Male, Group: I - 0 mg/kg - Day 123				
646371	0.2	QNS	190	
646398	0.2	11.5	23	
646411	0.2	11.3	149	
646416	0.2	5.1	133	
646432	0.2	7.5	248	
646446	0.2	6.3	124	
646459	0.2	6.9	47	
646460	0.2	10.7	35	
646487	0.2	8.4	184	
646494	0.2	5.2	139	
Male, Group: VII - 500 mg/kg - Day 123				
646337	0.2	90.5	132	
646364	0.2	95.5	64	
646369	0.2	86.3	191	
646372	0.2	93.0	74	
646384	0.2	104.0	84	
646397	0.2	124.8	321	
646428	0.2	152.7	98	
646448	0.2	123.2	104	
646474	0.2	61.6	162	
646484	0.2	51.2	21	

Individual Urinalysis Values

Animal Number	VOL mL	UOSM mOsm/kg	SG	UFLU μg	UMTP mg/dL
Male, Group: I - 0 mg/kg - Day 183					
646325	7.2	1601	1.045	9.8	131
646396	8.8	1063	1.032	10.6	61
646468	22.4	569	1.017	13.6	23
646495	7.2	1123	1.031	6.6	27
Male, Group: III - 25 mg/kg - Day 183					
646368	11.6	1037	1.031	12.3	56
646436	9.8	1215	1.035	16.7	53
646438	13.8	863	1.027	16.6	47
646449	5.2	1616	1.043	9.9	59
646453	3.6	2528	1.074	11.9	1100
Male, Group: V - 100 mg/kg - Day 183					
646327	17.0	844	1.025	25.5	53
646335	7.9	1499	1.042	23.6	148
646376	3.9	1745	1.046	15.6	82
646403	6.6	1587	1.043	21.3	210
Male, Group: VII - 500 mg/kg - Day 183					
646344	20.2	707	1.022	47.3	19
646355	13.0	775	1.024	45.2	26
646361	7.7	1187	1.033	46.3	57
646391	11.4	1094	1.030	53.9	59
646466	11.0	1011	1.028	41.5	84

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Individual Urinalysis Values

Animal Number	QUAL	COL	CLAR	VOL mL	UOSM mOsm/kg	SG	pH	UGLU mg/dL	KET mg/dL	UBIL	BLD
Female, Group: II - 0 mg/kg - Day 40											
646537	LIGHT	YELLOW	CLEAR	3.4	1289	1.038	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646538	LIGHT	YELLOW	CLEAR	14.0	479	1.015	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646560	LIGHT	YELLOW	CLEAR	6.2	747	1.023	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646592	LIGHT	YELLOW	CLOUDY	4.1	1098	1.033	8.0	NEGATIVE	NEGATIVE	NEGATIVE	TRACE
646612	MEDIUM	YELLOW	CLEAR	1.7	2365	1.063	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646617	NT	NT	NT	QNS	QNS	NT	NT	NT	NT	NT	NT
646649	LIGHT	YELLOW	CLEAR	13.8	548	1.017	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646659	LIGHT	YELLOW	CLEAR	9.8	830	1.025	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646665	MEDIUM	YELLOW	CLEAR	4.2	1349	1.038	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646676	LIGHT	YELLOW	HAZY	10.0	707	1.021	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Female, Group: IV - 25 mg/kg - Day 40											
646502	LIGHT	YELLOW	CLEAR	6.6	927	1.026	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646522	LIGHT	YELLOW	CLEAR	6.1	908	1.026	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646567	LIGHT	YELLOW	CLEAR	6.5	1021	1.028	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646576	LIGHT	YELLOW	CLEAR	14.2	444	1.014	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646595	MEDIUM	YELLOW	CLEAR	1.8	2241	1.060	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646621	LIGHT	YELLOW	HAZY	10.0	712	1.021	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646635	LIGHT	YELLOW	CLEAR	6.3	969	1.028	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646660	MEDIUM	YELLOW	CLEAR	2.5	1239	1.037	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646664	LIGHT	YELLOW	CLEAR	11.2	617	1.018	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646673	MEDIUM	YELLOW	CLEAR	6.4	1199	1.035	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE

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Individual Urinalysis Values

Animal Number	QUAL	COL	CLAR	VOL mL	UOSM mOsm/kg	SG	pH	UGLU mg/dL	KET mg/dL	UBIL	BLD
Female, Group: VI - 100 mg/kg - Day 40											
646501	LIGHT	YELLOW	HAZY	9.0	754	1.023	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646505	MEDIUM	YELLOW	HAZY	5.2	1313	1.039	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646510	MEDIUM	YELLOW	HAZY	11.8	731	1.022	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646534	MEDIUM	YELLOW	CLEAR	9.2	988	1.029	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646556	LIGHT	YELLOW	HAZY	15.8	656	1.021	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646578	LIGHT	YELLOW	CLEAR	17.0	471	1.014	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646608	LIGHT	YELLOW	CLEAR	7.0	865	1.026	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646624	LIGHT	YELLOW	CLEAR	7.4	1176	1.036	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646629	LIGHT	YELLOW	HAZY	15.0	514	1.016	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646633	LIGHT	YELLOW	CLEAR	4.6	789	1.022	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Female, Group: VIII - 500 mg/kg - Day 40											
646509	LIGHT	YELLOW	CLEAR	38.0	279	1.010	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646535	LIGHT	YELLOW	CLEAR	28.0	353	1.012	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646536	MEDIUM	YELLOW	CLEAR	7.5	1003	1.030	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646577	LIGHT	YELLOW	CLEAR	37.0	268	1.009	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646593	LIGHT	YELLOW	CLEAR	40.0	198	1.007	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646609	LIGHT	YELLOW	CLEAR	1.6	685	1.022	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646610	LIGHT	YELLOW	CLEAR	28.0	282	1.009	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646614	LIGHT	YELLOW	CLEAR	13.6	769	1.024	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646657	LIGHT	YELLOW	HAZY	22.6	476	1.016	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646669	LIGHT	YELLOW	CLEAR	14.0	559	1.018	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE

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Individual Urinalysis Values

Animal Number	URO EU/dL	UMTP mg/dL	SPEC
Female, Group: II - 0 mg/kg - Day 40			
646537	0.2	33	
646538	0.2	10	
646560	0.2	16	
646592	0.2	28	
646612	0.2	71	
646617	NT	QNS	
646649	0.2	8	
646659	0.2	15	
646665	0.2	30	
646676	0.2	14	
Female, Group: IV - 25 mg/kg - Day 40			
646502	0.2	13	
646522	0.2	16	
646567	0.2	17	
646576	0.2	9	
646595	0.2	68	
646621	0.2	14	
646635	0.2	17	
646660	0.2	34	
646664	0.2	12	
646673	0.2	27	

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Individual Urinalysis Values

Animal Number	URO EU/dL	UMTP mg/dL	SPEC
Female, Group: VI - 100 mg/kg - Day 40			
646501	0.2	22	
646505	0.2	56	
646510	0.2	12	
646534	0.2	27	
646556	0.2	26	
646578	0.2	7	
646608	0.2	20	
646624	0.2	29	
646629	0.2	9	
646633	0.2	12	
Female, Group: VIII - 500 mg/kg - Day 40			
646509	0.2	<6	
646535	0.2	<6	
646536	0.2	136	
646577	0.2	<6	
646593	0.2	<6	
646609	0.2	11	
646610	0.2	<6	
646614	0.2	12	
646657	0.2	11	
646669	0.2	10	

Individual Urinalysis Values

Animal Number	QUAL	COL	CLAR	VOL mL	UOSM mOsm/kg	SG	pH	UGLU mg/dL	KET mg/dL	UBIL	BLD
Female, Group: II - 0 mg/kg - Day 96											
646537	LIGHT	YELLOW	CLEAR	5.5	1017	1.031	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646538	MEDIUM	YELLOW	HAZY	2.9	1701	1.052	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646560	LIGHT	YELLOW	CLEAR	4.3	999	1.030	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646592	LIGHT	YELLOW	CLEAR	9.8	627	1.020	6.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646612	LIGHT	YELLOW	CLEAR	8.0	845	1.025	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646617	DARK	YELLOW	CLOUDY	2.0	1781	1.055	7.0	NEGATIVE	5	SMALL	MODERATE
646649	LIGHT	YELLOW	CLEAR	6.0	847	1.026	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646659	LIGHT	YELLOW	CLEAR	5.2	1061	1.033	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646665	MEDIUM	YELLOW	CLEAR	1.6	RNV	1.078	5.5	NEGATIVE	5	SMALL	NEGATIVE
646676	MEDIUM	YELLOW	CLEAR	2.0	1721	1.051	5.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Female, Group: IV - 25 mg/kg - Day 96											
646502	LIGHT	YELLOW	HAZY	18.2	431	1.015	5.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646522	MEDIUM	YELLOW	CLEAR	5.6	1247	1.040	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646567	NT	NT	NT	QNS	QNS	NT	NT	NT	NT	NT	NT
646576	MEDIUM	YELLOW	CLOUDY	7.2	780	1.024	8.0	NEGATIVE	NEGATIVE	NEGATIVE	MODERATE
646595	LIGHT	YELLOW	CLEAR	4.7	1051	1.031	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646621	LIGHT	YELLOW	HAZY	20.8	442	1.015	5.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646635	LIGHT	YELLOW	CLEAR	5.4	957	1.030	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646660	MEDIUM	YELLOW	CLEAR	3.0	1638	1.049	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646664	LIGHT	YELLOW	CLEAR	9.0	754	1.023	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646673	LIGHT	YELLOW	CLEAR	8.3	1010	1.029	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE

H-24768: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Individual Urinalysis Values

Animal Number	QUAL	COL	CLAR	VOL mL	UOSM mOsm/kg	SG	pH	UGLU mg/dL	KET mg/dL	UBIL	BLD
Female, Group: VI - 100 mg/kg - Day 96											
646501	MEDIUM	YELLOW	CLEAR	6.5	1140	1.042	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646505	MEDIUM	YELLOW	CLEAR	4.9	1599	1.056	6.0	NEGATIVE	NEGATIVE	NEGATIVE	TRACE
646510	MEDIUM	YELLOW	CLEAR	2.8	1828	1.055	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646534	MEDIUM	YELLOW	CLEAR	3.9	1571	1.050	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646556	LIGHT	YELLOW	CLEAR	28.0	404	1.016	5.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646578	LIGHT	YELLOW	CLEAR	6.4	776	1.024	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646608	MEDIUM	YELLOW	HAZY	10.2	687	1.022	7.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646624	LIGHT	YELLOW	CLEAR	6.4	1241	1.038	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646629	MEDIUM	YELLOW	CLEAR	4.6	1141	1.036	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646633	LIGHT	YELLOW	CLEAR	4.6	1269	1.039	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Female, Group: VIII - 500 mg/kg - Day 96											
646509	LIGHT	YELLOW	CLEAR	16.6	460	1.018	5.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646535	LIGHT	YELLOW	CLEAR	22.0	576	1.021	5.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646536	MEDIUM	YELLOW	HAZY	12.2	880	1.036	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646577	DARK	BROWN	CLOUDY	8.0	596	1.019	8.0	NEGATIVE	NEGATIVE	SMALL	LARGE
646593	LIGHT	YELLOW	CLEAR	15.4	607	1.022	5.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646609	LIGHT	YELLOW	CLEAR	25.0	398	1.015	5.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646610	LIGHT	YELLOW	CLEAR	19.0	524	1.018	5.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646614	MEDIUM	YELLOW	CLEAR	8.6	919	1.030	5.0	NEGATIVE	NEGATIVE	NEGATIVE	TRACE
646657	LIGHT	YELLOW	CLEAR	20.8	470	1.018	5.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646669	LIGHT	YELLOW	CLEAR	17.4	519	1.017	5.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE

H-24768: Subchronic Toxicity

90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Individual Urinalysis Values

Animal Number	URO EU/dL	UFLU µg	UMTP mg/dL	SPEC
Female, Group: II - 0 mg/kg - Day 96				
646537	0.2	5.8	26	
646538	0.2	5.4	69	
646560	0.2	5.7	16	
646592	0.2	5.9	11	
646612	0.2	8.1	17	
646617	0.2	2.2	141	
646649	0.2	7.0	14	
646659	0.2	6.4	21	
646665	0.2	QNS	85	
646676	0.2	3.4	47	
FECAL CONTAMINATION OBSERVED				
Female, Group: IV - 25 mg/kg - Day 96				
646502	0.2	32.5	<6	
646522	0.2	21.1	16	
646567	NT	QNS	QNS	
646576	0.2	18.6	36	
646595	0.2	18.7	110	
646621	0.2	36.4	18	
646635	0.2	20.9	19	
646660	0.2	11.5	79	
646664	0.2	29.1	14	
646673	0.2	24.4	14	
FECAL CONTAMINATION OBSERVED				

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90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

Individual Urinalysis Values

Animal Number	URO EU/dL	UFLU µg	UMTP mg/dL	SPEC
Female, Group: VI - 100 mg/kg - Day 96				
646501	0.2	70.7	950	
646505	0.2	67.7	1490	
646510	0.2	38.2	108	
646534	0.2	57.0	56	
646556	0.2	92.9	31	
646578	0.2	45.2	12	
646608	0.2	68.7	24	
646624	0.2	56.1	62	
646629	0.2	46.6	17	
646633	0.2	50.4	28	
FECAL CONTAMINATION OBSERVED				
Female, Group: VIII - 500 mg/kg - Day 96				
646509	0.2	233.1	9	
646535	0.2	402.2	15	
646536	0.2	366.1	1360	
646577	1.0	108.0	102	
646593	0.2	286.1	10	
646609	0.2	394.3	<6	
646610	0.2	229.3	6	
646614	0.2	229.8	33	
646657	0.2	384.9	99	
646669	0.2	277.7	11	
FECAL CONTAMINATION OBSERVED				

Individual Urinalysis Values

Animal Number	QUAL	COL	CLAR	VOL mL	UOSM mOsm/kg	SG	pH	UGLU mg/dL	KET mg/dL	UBIL	BLD
Female, Group: II - 0 mg/kg - Day 124											
646511	LIGHT	YELLOW	HAZY	4.1	920	1.028	5.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646549	LIGHT	YELLOW	CLOUDY	8.1	741	1.023	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646551	LIGHT	YELLOW	HAZY	2.4	1946	1.057	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646565	LIGHT	YELLOW	CLEAR	3.6	1440	1.044	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646580	MEDIUM	YELLOW	HAZY	0.5	QNS	>1.083	5.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646581	LIGHT	YELLOW	CLEAR	6.0	948	1.029	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646586	LIGHT	YELLOW	CLEAR	1.6	2093	1.060	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646613	LIGHT	YELLOW	CLEAR	3.5	1390	1.043	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646627	LIGHT	YELLOW	CLEAR	3.3	1644	1.049	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646652	LIGHT	YELLOW	CLEAR	7.4	1003	1.030	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Female, Group: VIII - 500 mg/kg - Day 124											
646506	LIGHT	YELLOW	CLEAR	5.9	1019	1.031	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646508	MEDIUM	YELLOW	CLEAR	0.5	QNS	>1.083	5.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646540	LIGHT	YELLOW	CLEAR	1.8	2262	1.063	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646542	LIGHT	YELLOW	CLEAR	4.1	1548	1.060	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646545	MEDIUM	YELLOW	HAZY	2.4	1841	1.057	5.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646548	MEDIUM	YELLOW	HAZY	4.0	1603	1.050	6.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646599	LIGHT	YELLOW	CLEAR	0.7	QNS	1.080	5.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646618	MEDIUM	YELLOW	CLOUDY	1.2	3307	1.082	6.0	NEGATIVE	NEGATIVE	SMALL	SMALL
646637	LIGHT	YELLOW	CLEAR	RNV	QNS	1.026	5.0	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
646650	LIGHT	YELLOW	HAZY	3.2	1261	1.041	5.5	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE

Individual Urinalysis Values

Animal Number	URO EU/dL	UFLU µg	UMTP mg/dL	SPEC
Female, Group: II - 0 mg/kg - Day 124				
646511	0.2	3.7	19	
646549	0.2	2.6	39	
646551	0.2	QNS	77	
646565	0.2	3.5	30	
646580	0.2	QNS	QNS	Sample status: URINALYSIS TO BE RUN MANUALLY - LOW VOLUME
646581	0.2	5.7	17	
646586	0.2	QNS	81	
646613	0.2	5.6	35	
646627	0.2	3.2	41	
646652	0.2	5.4	34	
Female, Group: VIII - 500 mg/kg - Day 124				
646506	0.2	27.5	30	
646508	0.2	QNS	QNS	Sample status: URINALYSIS TO BE RUN MANUALLY - LOW VOLUME
646540	0.2	QNS	71	
646542	0.2	43.7	2376	
646545	0.2	QNS	190	
646548	0.2	18.0	164	Sample status: URINALYSIS TO BE RUN MANUALLY - LOW VOLUME
646599	0.2	QNS	591	Sample status: URINALYSIS TO BE RUN MANUALLY - LOW VOLUME; FECAL CONTAMINATION OBSERVED
646618	0.2	QNS	804	Sample status: PARTIAL VOLUME / ACCIDENTAL SPILLAGE
646637	0.2	QNS	QNS	
646650	0.2	30.7	77	

Individual Urinalysis Values

Animal Number	VOL mL	UOSM mOsm/kg	SG	UFLU µg	UMTE mg/dL
Female, Group: II - 0 mg/kg - Day 183					
646507	3.1	1120	1.030	4.2	23
646530	6.3	954	1.026	6.7	20
646588	6.0	896	1.025	6.3	170
646597	6.3	914	1.026	6.3	120
Female, Group: IV - 25 mg/kg - Day 183					
646531	10.2	805	1.022	8.6	13
646568	9.1	889	1.025	10.5	55
646625	5.5	1129	1.030	7.1	37
646626	5.8	1436	1.037	9.7	33
646636	6.7	833	1.023	6.9	13
Female, Group: VI - 100 mg/kg - Day 183					
646533	12.6	502	1.012	11.4	8
646630	5.7	1004	1.036	10.1	1110
646632	5.0	1132	1.030	7.0	38
646634	6.7	788	1.021	9.1	31
646656	6.7	1249	1.036	12.0	480
Female, Group: VIII - 500 mg/kg - Day 183					
646523	5.5	661	1.019	10.7	125
646528	13.6	722	1.020	28.1	12
646601	6.8	733	1.022	14.3	200
646620	4.7	1214	1.032	14.5	29
646667	4.8	1339	1.040	11.0	420

Animal Number	EPIT	UWBC	URBC	Individual Urine Microscopic Values			
				NCRY	MICR	SPER	SPEC
Male, Group: I - 0 mg/kg - Day 39							
646360	NONE	0	0	FEW	FEW	0	
646367	NONE	0	0	FEW	FEW	1	
646374	NONE	0	0	FEW	FEW	0	
646379	FEW	1-10	0	FEW	FEW	2	
646420	NONE	11-50	0	FEW	MODERATE	0	
646427	NONE	0	0	FEW	FEW	0	
646482	FEW	1-10	0	FEW	FEW	1	
646485	FEW	0	0	FEW	MODERATE	1	
646489	FEW	0	0	FEW	MODERATE	0	
646492	NONE	0	0	FEW	FEW	1	
Male, Group: III - 25 mg/kg - Day 39							
646370	FEW	0	0	MODERATE	FEW	1	
646399	FEW	0	0	FEW	FEW	3	
646414	NONE	0	0	FEW	MODERATE	1	
646421	FEW	0	0	MODERATE	MODERATE	1	
646423	FEW	1-10	0	NONE	FEW	1	
646426	NONE	1-10	0	FEW	MODERATE	2	
646443	FEW	1-10	0	MODERATE	FEW	3	
646454	FEW	0	0	FEW	FEW	1	
646458	NONE	0	0	FEW	FEW	1	
646471	NONE	0	0	FEW	MANY	1	
							Sampl

Sample status: BELOW RECOMMENDED VOLUME

Animal Number	Individual Urine Microscopic Values						
	EPIT	WBC	URBC	NCRY	MICR	SPER	SPEC
Male, Group: V - 100 mg/kg - Day 39							
646349	FEW	1-10	0	FEW	FEW	1	
646373	NONE	1-10	0	MODERATE	MODERATE	1	
646385	NONE	0	0	NONE	MODERATE	2	
646435	NONE	1-10	11-50	FEW	FEW	2	Sample status: BELOW RECOMMENDED VOLUME
646455	NONE	0	0	FEW	FEW	1	
646456	FEW	1-10	0	FEW	FEW	3	
646463	NONE	0	0	FEW	FEW	1	
646469	FEW	0	0	FEW	FEW	3	
646472	FEW	0	0	FEW	FEW	1	
646488	FEW	0	0	FEW	MODERATE	1	
Male, Group: VII - 500 mg/kg - Day 39							
646343	NONE	11-50	0	FEW	FEW	1	Sample status: BELOW RECOMMENDED VOLUME
646346	FEW	0	0	MODERATE	FEW	2	
646347	NONE	0	0	NONE	FEW	1	
646388	NONE	1-10	0	FEW	FEW	2	
646407	FEW	0	0	FEW	FEW	0	
646413	FEW	0	0	FEW	MODERATE	1	
646433	FEW	1-10	0	FEW	FEW	0	
646437	NONE	0	0	FEW	MODERATE	2	
646442	FEW	0	0	FEW	MODERATE	1	
646475	FEW	0	0	NONE	FEW	1	

Individual Urine Microscopic Values

Animal Number	EPIT	WBC	URBC	NCRY	MICR	SPER	SPEC
Male, Group: I - 0 mg/kg - Day 95							
646360	NONE	0	0	FEW	FEW	1	Sample status: BELOW RECOMMENDED VOLUME
646367	FEW	1-10	0	NONE	FEW	1	Sample status: BELOW RECOMMENDED VOLUME; 1-MUCUS
646374	NONE	0	0	FEW	FEW	1	
646379	NONE	1-10	0	NONE	NONE	3	
646420	MODERATE	>50	>50	NONE	MODERATE	3	
646427	FEW	1-10	0	FEW	FEW	3	
646482	NONE	1-10	0	FEW	FEW	1	Sample status: BELOW RECOMMENDED VOLUME
646485	NONE	0	0	MANY	FEW	1	Sample status: BELOW RECOMMENDED VOLUME
646489	NONE	0	0	FEW	FEW	2	
646492	NONE	0	0	FEW	FEW	1	
Male, Group: III - 25 mg/kg - Day 95							
646370	NONE	0	0	MODERATE	FEW	2	
646399	FEW	0	0	FEW	MODERATE	1	
646414	FEW	1-10	0	MODERATE	FEW	1	Sample status: BELOW RECOMMENDED VOLUME
646421	FEW	0	0	NONE	FEW	1	
646423	FEW	0	0	FEW	FEW	1	Sample status: BELOW RECOMMENDED VOLUME
646426	FEW	>50	0	MODERATE	MODERATE	3	
646443	FEW	0	0	FEW	FEW	2	
646454	NONE	0	0	FEW	FEW	1	
646458	NONE	0	0	MANY	MANY	2	Sample status: BELOW RECOMMENDED VOLUME
646471	NONE	0	0	NONE	MODERATE	1	

Animal Number	Individual Urine Microscopic Values						
	EPIT	UWBC	URBC	NCRY	MICR	SPER	SPEC
Male, Group: V - 100 mg/kg - Day 95							
646349	NONE	0	0	FEW	FEW	1	Sample status: BELOW RECOMMENDED VOLUME
646373	FEW	1-10	0	FEW	FEW	3	Sample status: BELOW RECOMMENDED VOLUME
646385	FEW	0	0	NONE	FEW	3	
646435	FEW	0	0	FEW	FEW	1	Sample status: BELOW RECOMMENDED VOLUME
646455	FEW	0	0	NONE	FEW	1	
646456	NONE	0	0	FEW	FEW	1	
646463	FEW	0	0	MODERATE	FEW	1	Sample status: BELOW RECOMMENDED VOLUME
646469	FEW	0	0	FEW	FEW	2	Sample status: BELOW RECOMMENDED VOLUME
646472	NONE	11-50	0	FEW	FEW	1	
646488	FEW	1-10	0	NONE	FEW	3	Sample status: BELOW RECOMMENDED VOLUME; FEW COARSELY GRANULAR CASTS
Male, Group: VII - 500 mg/kg - Day 95							
646343	FEW	1-10	0	NONE	FEW	3	
646346	NONE	0	0	FEW	MODERATE	1	
646347	NONE	0	0	NONE	FEW	1	
646388	NONE	0	0	FEW	FEW	1	
646407	NONE	0	0	FEW	FEW	1	
646413	NONE	0	0	NONE	MODERATE	2	
646433	FEW	0	0	FEW	MANY	1	
646437	FEW	0	0	NONE	FEW	3	
646442	FEW	0	0	NONE	FEW	2	
646475	FEW	0	0	FEW	MODERATE	1	

Animal Number	Individual Urine Microscopic Values					
	EPIT	UWBC	URBC	NCRY	MICR	SPEC
Male, Group: I - 0 mg/kg - Day 123						
646371	NONE	0	0	MANY	FEW	0
646398	FEW	0	0	NONE	FEW	0
646411	NONE	1-10	0	FEW	FEW	1
646416	FEW	1-10	0	NONE	FEW	3
646432	FEW	0	0	FEW	FEW	1
646446	NONE	1-10	0	MANY	FEW	3
646459	FEW	1-10	0	FEW	FEW	0
646460	NONE	1-10	0	FEW	FEW	3
646487	FEW	0	0	MANY	FEW	1
646494	FEW	0	0	MODERATE	FEW	3
Sample status: BELOW RECOMMENDED VOLUME						
Male, Group: VII - 500 mg/kg - Day 123						
646337	FEW	0	0	MANY	MODERATE	3
646364	FEW	1-10	0	NONE	FEW	3
646369	FEW	0	0	FEW	FEW	2
646372	FEW	1-10	0	NONE	FEW	3
646384	NONE	1-10	0	NONE	FEW	3
646397	FEW	0	0	NONE	FEW	2
646428	FEW	0	0	NONE	FEW	3
646448	FEW	0	0	NONE	FEW	1
646474	FEW	0	1-10	NONE	FEW	3
646484	FEW	0	0	NONE	MODERATE	3
Sample status: BELOW RECOMMENDED VOLUME						

Individual Urine Microscopic Values

Animal Number	EPIT	UWBC	URBC	NCRY	MICR	SPER	SPEC	
Female, Group: II - 0 mg/kg - Day 40								
646537	NONE	0	0	FEW	MODERATE	0		Sample status: BELOW RECOMMENDED VOLUME
646538	NONE	0	0	NONE	MANY	0		
646560	FEW	0	0	FEW	MANY	0		Sample status: BELOW RECOMMENDED VOLUME; 1-MUCUS
646592	FEW	0	0	MODERATE	MANY	0		Sample status: BELOW RECOMMENDED VOLUME; 1-MUCUS
646612	FEW	0	0	NONE	MODERATE	0		Sample status: BELOW RECOMMENDED VOLUME; 1-MUCUS
646649	FEW	0	0	FEW	MANY	0		
646659	NONE	0	0	NONE	MANY	0		FEW FINELY GRANULAR CASTS
646665	FEW	0	1-10	NONE	MODERATE	0		Sample status: BELOW RECOMMENDED VOLUME
646676	NONE	0	0	FEW	MANY	0		1-MUCUS
Female, Group: IV - 25 mg/kg - Day 40								
646502	FEW	0	0	FEW	MANY	0		1-MUCUS
646522	FEW	0	0	FEW	MANY	0		1-MUCUS
646567	FEW	0	0	NONE	MANY	0		1-MUCUS
646576	FEW	0	0	NONE	FEW	0		1-MUCUS
646595	FEW	1-10	1-10	FEW	MODERATE	0		Sample status: BELOW RECOMMENDED VOLUME; 2-MUCUS
646621	FEW	0	1-10	NONE	MANY	0		1-MUCUS
646635	FEW	0	0	NONE	MANY	0		3-MUCUS; FEW SMALL COARSELY GRANULAR CASTS
646660	FEW	0	0	NONE	MODERATE	0		Sample status: BELOW RECOMMENDED VOLUME; 2-MUCUS
646664	FEW	0	0	FEW	MANY	0		1-MUCUS
646673	FEW	0	0	FEW	MODERATE	0		1-MUCUS

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Individual Urine Microscopic Values

Animal Number	EPIT	UWBC	URBC	NCRY	MICR	SPER	SPEC
Female, Group: VI - 100 mg/kg - Day 40							
646501	FEW	0	0	FEW	MANY	0	2-MUCUS
646505	FEW	0	0	FEW	MANY	0	Sample status: BELOW RECOMMENDED VOLUME; 1-MUCUS
646510	FEW	0	0	NONE	MODERATE	0	1-MUCUS
646534	FEW	0	0	NONE	MANY	0	2-MUCUS
646556	FEW	0	0	NONE	MANY	0	1-MUCUS
646578	FEW	0	0	NONE	MANY	0	3-MUCUS
646608	NONE	0	0	FEW	MODERATE	0	1-MUCUS
646624	FEW	0	0	NONE	MODERATE	0	1-MUCUS
646629	FEW	0	0	NONE	MANY	0	1-MUCUS
646633	FEW	0	0	FEW	MANY	0	3-MUCUS
Female, Group: VIII - 500 mg/kg - Day 40							
646509	FEW	0	0	FEW	MANY	0	2-MUCUS
646535	FEW	0	0	NONE	MANY	0	2-MUCUS
646536	FEW	1-10	0	NONE	MODERATE	0	1-MUCUS
646577	FEW	0	0	NONE	MANY	0	1-MUCUS
646593	FEW	0	0	NONE	MANY	0	
646609	NONE	0	0	NONE	MANY	0	Sample status: BELOW RECOMMENDED VOLUME; 2-MUCUS
646610	NONE	0	0	NONE	MANY	0	1-MUCUS
646614	FEW	0	1-10	NONE	MANY	0	2-MUCUS
646657	FEW	0	0	NONE	MANY	0	1-MUCUS
646669	FEW	0	0	FEW	MANY	0	1-MUCUS

Animal Number	Individual Urine Microscopic Values							
	EPIT	UWBC	URBC	NCRY	MICR	SPER	SPEC	
Female, Group: II - 0 mg/kg - Day 96								
646537	FEW	0	0	NONE	NONE	0	Sample status: BELOW RECOMMENDED VOLUME Sample status: BELOW RECOMMENDED VOLUME Sample status: BELOW RECOMMENDED VOLUME Sample status: BELOW RECOMMENDED VOLUME	
646538	FEW	0	0	NONE	FEW	0		
646560	FEW	0	0	NONE	NONE	0		
646592	FEW	0	0	NONE	FEW	0		
646612	FEW	0	0	NONE	FEW	0	Sample status: BELOW RECOMMENDED VOLUME Sample status: BELOW RECOMMENDED VOLUME Sample status: BELOW RECOMMENDED VOLUME Sample status: BELOW RECOMMENDED VOLUME	
646617	FEW	0	0	NONE	MANY	0		
646649	NONE	0	0	NONE	FEW	0		
646659	FEW	0	0	NONE	FEW	0		
646665	FEW	0	0	NONE	FEW	0	Sample status: BELOW RECOMMENDED VOLUME Sample status: BELOW RECOMMENDED VOLUME Sample status: BELOW RECOMMENDED VOLUME Sample status: BELOW RECOMMENDED VOLUME	
646676	FEW	1-10	0	NONE	FEW	0		
Female, Group: IV - 25 mg/kg - Day 96								
646502	FEW	0	0	NONE	FEW	0		Sample status: BELOW RECOMMENDED VOLUME; FEW COARSELY GRANULAR CASTS
646522	FEW	1-10	0	NONE	FEW	0		
646567	NT							
646576	FEW	1-10	0	NONE	MANY	0		
646595	FEW	1-10	0	NONE	FEW	0	Sample status: BELOW RECOMMENDED VOLUME; FEW COARSELY GRANULAR CASTS	
646621	FEW	0	0	NONE	NONE	0		
646635	FEW	0	0	NONE	FEW	0		
646660	FEW	0	0	NONE	FEW	0		
646664	FEW	0	0	NONE	NONE	0	Sample status: BELOW RECOMMENDED VOLUME; FEW COARSELY GRANULAR CASTS	
646673	FEW	0	0	NONE	FEW	0		

Animal Number	Individual Urine Microscopic Values						
	EPIT	UWBC	URBC	NCRY	MICR	SPER	SPEC
Female, Group: VI - 100 mg/kg - Day 96							
646501	FEW	0	0	NONE	NONE	0	FEW HYALINE CASTS
646505	FEW	0	0	NONE	FEW	0	
646510	FEW	1-10	0	FEW	MODERATE	0	
646534	FEW	0	0	NONE	NONE	0	
646556	FEW	1-10	0	NONE	FEW	0	
646578	FEW	0	0	NONE	FEW	0	
646608	FEW	0	0	FEW	FEW	0	
646624	FEW	0	0	NONE	NONE	0	
646629	FEW	0	0	NONE	FEW	0	
646633	NONE	0	0	NONE	FEW	0	
Sample status: BELOW RECOMMENDED VOLUME							
Female, Group: VIII - 500 mg/kg - Day 96							
646509	FEW	0	0	NONE	FEW	0	FEW COARSELY GRANULAR CASTS
646535	FEW	0	0	NONE	NONE	0	
646536	FEW	0	0	NONE	FEW	0	
646577	FEW	0	0	MODERATE	MANY	0	
646593	FEW	0	0	NONE	FEW	0	
646609	FEW	1-10	0	NONE	MODERATE	0	
646610	FEW	1-10	0	NONE	FEW	0	
646614	FEW	0	0	NONE	FEW	0	
646657	FEW	1-10	0	NONE	FEW	0	
646669	FEW	0	0	NONE	NONE	0	

Individual Urine Microscopic Values							
Animal Number	EPIT	UWBC	URBC	NCRY	MICR	SPER	SPEC
Female, Group: II - 0 mg/kg - Day 124							
646511	FEW	0	0	FEW	FEW	0	Sample status: BELOW RECOMMENDED VOLUME
646549	FEW	0	0	NONE	MANY	0	
646551	FEW	1-10	0	FEW	MODERATE	0	Sample status: BELOW RECOMMENDED VOLUME
646565	FEW	1-10	0	NONE	FEW	0	Sample status: BELOW RECOMMENDED VOLUME
646580	FEW	0	0	NONE	MODERATE	0	Sample status: BELOW RECOMMENDED VOLUME; FEW COARSELY GRANULAR CASTS; VARIABLE SIZED; (4.5-7 MICRONS PER; 40X) TAN SPHEROCYTE
646581	FEW	0	0	NONE	FEW	0	
646586	FEW	0	0	NONE	FEW	0	Sample status: BELOW RECOMMENDED VOLUME
646613	NONE	1-10	0	NONE	FEW	0	Sample status: BELOW RECOMMENDED VOLUME
646627	FEW	0	0	NONE	FEW	0	Sample status: BELOW RECOMMENDED VOLUME
646652	FEW	0	0	NONE	FEW	0	
Female, Group: VIII - 500 mg/kg - Day 124							
646506	FEW	0	0	NONE	FEW	0	
646508	FEW	1-10	0	NONE	FEW	0	Sample status: BELOW RECOMMENDED VOLUME
646540	MODERATE	0	0	FEW	FEW	0	Sample status: BELOW RECOMMENDED VOLUME
646542	FEW	1-10	0	NONE	FEW	0	FEW COARSELY GRANULAR CASTS
646545	FEW	0	0	NONE	NONE	0	
646548	FEW	0	0	NONE	FEW	0	
646599	FEW	0	0	NONE	FEW	0	Sample status: BELOW RECOMMENDED VOLUME
646618	FEW	0	0	FEW	MANY	0	Sample status: BELOW RECOMMENDED VOLUME
646637	FEW	0	0	FEW	FEW	0	Sample status: BELOW RECOMMENDED VOLUME
646650	FEW	1-10	0	NONE	FEW	0	Sample status: BELOW RECOMMENDED VOLUME

APPENDIX L
INDIVIDUAL BIOCHEMICAL MEASUREMENTS

INDIVIDUAL BIOCHEMICAL MEASUREMENTS IN MALE RATS
AT THE 10-DAY TIME POINT

Group	Animal Number	Beta-Oxidation Rate (nmol/min/mg protein)
I	648938	3.3
	648939	1.6
	648940	3.7
	648941	4.1
	648942	5.0
III	648943	4.7
	648944	3.8
	648945	3.8
	648946	5.1
	648947	3.2
V	648948	5.5
	648949	3.3
	648950	6.2
	648951	7.5
	648952	7.5
VII	648953	2.8
	648954	12.8
	648955	12.4
	648956	13.5
	648957	8.7

INDIVIDUAL BIOCHEMICAL MEASUREMENTS IN MALE RATS
AT THE 90-DAY TIME POINT

Group	Animal Number	Beta-Oxidation Rate (nmol/min/mg protein)
I	646482	8.0
	646427	8.1
	646360	9.5
	646489	7.2
	646379	12.2
III	646454	10.9
	646399	15.1
	646370	12.3
	646443	12.4
	646423	11.5
V	646349	10.5
	646463	11.3
	646456	15.5
	646469	10.1
	646472	9.0
VII	646475	14.2
	646388	16.7
	646346	15.8
	646433	16.4
	646407	18.2

INDIVIDUAL BIOCHEMICAL MEASUREMENTS IN MALE RATS
AT THE 1-MONTH RECOVERY TIME POINT

Group	Animal Number	Beta-Oxidation Rate (nmol/min/mg protein)
I	646459	7.2
	646460	6.3
	646416	5.8
	646371	6.2
	646411	6.6
VII	646364	14.9
	646384	11.1
	646474	10.0
	646448	12.2
	646484	14.4

INDIVIDUAL BIOCHEMICAL MEASUREMENTS IN MALE RATS
AT THE 3-MONTH RECOVERY TIME POINT

Group	Animal Number	Beta-Oxidation Rate (nmol/min/mg protein)
I	646325	17.6
	646396	19.2
	646495	17.6
	646468	19.6
VII	646355	20.7
	646344	18.3
	646361	20.0
	646391	17.9
	646466	17.2

INDIVIDUAL BIOCHEMICAL MEASUREMENTS IN FEMALE RATS
RATS AT THE 10-DAY TIME POINT

Group	Animal Number	Beta-Oxidation Rate (nmol/min/mg protein)
II	648960	4.6
	648961	6.5
	648962	5.6
	648963	6.4
	648964	4.5
IV	648965	5.5
	648966	5.2
	648967	4.3
	648968	9.7
	648969	9.6
VI	648970	5.2
	648971	3.4
	648972	3.8
	648973	4.8
	648974	4.4
VIII	648975	4.5
	648976	5.8
	648977	4.1
	648978	4.6
	648979	6.3

INDIVIDUAL BIOCHEMICAL MEASUREMENTS IN FEMALE RATS
RATS AT THE 90-DAY TIME POINT

Group	Animal Number	Beta-Oxidation Rate (nmol/min/mg protein)
II	646592	15.8
	646560	14.5
	646676	13.2
	646665	7.9
	646612	13.0
IV	646522	9.6
	646660	6.4
	646502	6.2
	646595	10.8
	646567	7.3
VI	646608	9.0
	646556	12.6
	646629	7.6
	646510	14.3
	646578	10.8
VIII	646657	14.7
	646610	15.7
	646536	10.2
	646593	14.1
	646509	12.4

INDIVIDUAL BIOCHEMICAL MEASUREMENTS IN FEMALE RATS
AT THE 1-MONTH RECOVERY TIME POINT

Group	Animal Number	Beta-Oxidation Rate (nmol/min/mg protein)
II	646580	10.5
	646581	8.2
	646627	9.1
	646565	11.2
	646551	10.4
VIII	646540	13.3
	646548	11.2
	646508	15.9
	646650	11.2
	646637	13.5

APPENDIX M

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR MALE RATS
DESIGNATED FOR 90-DAY EXPOSURE EVALUATION

Organ Weight Listing

Group : I - 0 mg/kg/day Sex : MALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	%FBW	ADRENAL GLANDS (Gms)	%FBW	%BRAIN	EPIDIDYIMIDES (Gms)	%FBW	%BRAIN	HEART (Gms)	%FBW	%BRAIN	KIDNEYS (Gms)	%FBW	%BRAIN
646360	655.70	2.116	0.3227	0.051	0.0078	2.4102	1.262	0.1925	59.641	2.022	0.3084	95.558	4.531	0.6910	214.13
646367	526.80	2.158	0.4096	0.061	0.0116	2.8267	1.506	0.2859	69.787	1.868	0.3546	86.562	3.939	0.7477	182.53
646374	663.70	2.050	0.3089	0.059	0.0089	2.8780	1.687	0.2542	82.293	1.853	0.2792	90.390	4.608	0.6943	224.78
646379	588.60	2.104	0.3575	0.065	0.0110	3.0894	1.418	0.2409	67.395	1.750	0.2973	83.175	3.954	0.6718	187.93
646420	607.50	2.080	0.3424	0.050	0.0082	2.4038	1.730	0.2848	83.173	1.811	0.2981	87.067	5.521	0.9088	265.43
646427	535.10	2.225	0.4158	0.044	0.0082	1.9775	1.552	0.2900	69.753	1.743	0.3257	78.337	3.779	0.7062	169.84
646482	515.20	2.040	0.3960	0.066	0.0128	3.2333	1.657	0.3216	81.225	1.821	0.3535	89.265	3.923	0.7615	192.30
646485	532.20	2.033	0.3820	0.045	0.0085	2.2135	1.475	0.2772	72.553	1.623	0.3050	79.833	3.871	0.7274	190.41
646489	622.00	2.321	0.3732	0.066	0.0106	2.8436	1.753	0.2818	75.528	2.010	0.3232	86.601	4.240	0.6817	182.68
646492	622.90	2.193	0.3521	0.063	0.0101	2.8728	1.531	0.2458	69.813	1.755	0.2817	80.027	4.364	0.7006	199.00
Mean	586.97	2.132	0.3660	0.057	0.0098	2.6751	1.557	0.2675	73.116	1.826	0.3127	85.681	4.273	0.7291	200.90
S.D.	55.792	0.093	0.0358	0.009	0.0017	0.4028	0.153	0.0355	7.4897	0.122	0.0265	5.4005	0.526	0.0693	27.688

Group : III - 25 mg/kg/day Sex : MALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	%FBW	ADRENAL GLANDS (Gms)	%FBW	%BRAIN	EPIDIDYIMIDES (Gms)	%FBW	%BRAIN	HEART (Gms)	%FBW	%BRAIN	KIDNEYS (Gms)	%FBW	%BRAIN
646370	543.40	2.107	0.3877	0.044	0.0081	2.0883	1.765	0.3248	83.768	2.185	0.4021	103.70	4.176	0.7685	198.20
646399	694.10	2.118	0.3051	0.061	0.0088	2.8801	1.622	0.2337	76.582	1.979	0.2851	93.437	4.154	0.5985	196.13
646414	589.40	2.271	0.3853	0.062	0.0105	2.7301	1.371	0.2326	60.370	1.985	0.3368	87.406	4.326	0.7340	190.49
646421	546.70	2.159	0.3949	0.053	0.0097	2.4548	1.419	0.2596	65.725	1.755	0.3210	81.288	4.073	0.7450	188.65
646423	577.00	2.155	0.3735	0.048	0.0083	2.2274	1.704	0.2953	79.072	1.839	0.3187	85.336	4.009	0.6948	186.03
646426	577.50	2.078	0.3598	0.057	0.0099	2.7430	1.598	0.2767	76.901	1.817	0.3146	87.440	4.719	0.8171	227.09
646443	600.30	2.155	0.3590	0.044	0.0073	2.0418	1.767	0.2944	81.995	2.224	0.3705	103.20	4.479	0.7461	207.84
646454	539.20	2.207	0.4093	0.053	0.0098	2.4014	1.666	0.3090	75.487	1.739	0.3225	78.795	4.333	0.8036	196.33

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR MALE RATS
DESIGNATED FOR 90-DAY EXPOSURE EVALUATION

Organ Weight Listing

Group : III - 25 mg/kg/day Sex : MALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	%FBW	ADRENAL GLANDS (Gms)	%FBW	%BRAIN	EPIDIDYIMIDES (Gms)	%FBW	%BRAIN	HEART (Gms)	%FBW	%BRAIN	KIDNEYS (Gms)	%FBW	%BRAIN
646458	584.80	2.194	0.3752	0.053	0.0091	2.4157	1.417	0.2423	64.585	1.642	0.2808	74.840	4.140	0.7079	188.70
646471	695.70	2.190	0.3148	0.076	0.0109	3.4703	1.455	0.2091	66.438	2.057	0.2957	93.927	4.701	0.6757	214.66
Mean	594.81	2.163	0.3665	0.055	0.0092	2.5453	1.578	0.2677	73.092	1.922	0.3248	88.937	4.311	0.7291	199.41
S.D.	56.631	0.056	0.0335	0.010	0.0011	0.4282	0.151	0.0381	8.1254	0.195	0.0376	9.6855	0.251	0.0641	13.253

Group : V - 100 mg/kg/day Sex : MALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	%FBW	ADRENAL GLANDS (Gms)	%FBW	%BRAIN	EPIDIDYIMIDES (Gms)	%FBW	%BRAIN	HEART (Gms)	%FBW	%BRAIN	KIDNEYS (Gms)	%FBW	%BRAIN
646349	522.40	2.003	0.3834	0.048	0.0092	2.3964	1.238	0.2370	61.807	1.667	0.3191	83.225	3.751	0.7180	187.27
646373	626.30	2.206	0.3522	0.056	0.0089	2.5385	1.519	0.2425	68.858	1.920	0.3066	87.035	5.456	0.8711	247.33
646385	543.40	2.077	0.3822	0.047	0.0086	2.2629	1.628	0.2996	78.382	1.707	0.3141	82.186	4.629	0.8519	222.87
646435	545.70	2.194	0.4021	0.047	0.0086	2.1422	1.249	0.2289	56.928	1.612	0.2954	73.473	4.238	0.7766	193.16
646455	501.40	2.073	0.4134	0.054	0.0108	2.6049	1.550	0.3091	74.771	1.715	0.3420	82.730	4.383	0.8742	211.43
646456	528.70	1.964	0.3715	0.047	0.0089	2.3931	1.530	0.2894	77.902	1.611	0.3047	82.026	4.300	0.8133	218.94
646463	454.00	2.152	0.4740	0.068	0.0150	3.1599	1.595	0.3513	74.117	1.497	0.3297	69.563	3.708	0.8167	172.30
646469	515.30	2.014	0.3908	0.039	0.0076	1.9364	1.488	0.2888	73.883	1.714	0.3326	85.104	4.141	0.8036	205.61
646472	451.50	2.051	0.4543	0.051	0.0113	2.4866	1.532	0.3393	74.695	2.005	0.4441	97.757	3.673	0.8135	179.08
646488	523.70	1.981	0.3783	0.049	0.0094	2.4735	1.785	0.3408	90.106	1.794	0.3426	90.560	4.212	0.8043	212.62
Mean	521.24	2.072	0.4002	0.051	0.0098	2.4394	1.511	0.2927	73.145	1.724	0.3331	83.366	4.249	0.8143	205.06
S.D.	49.446	0.087	0.0378	0.008	0.0021	0.3325	0.164	0.0447	9.1542	0.150	0.0421	7.9397	0.528	0.0461	22.608

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR MALE RATS
DESIGNATED FOR 90-DAY EXPOSURE EVALUATION

Organ Weight Listing

Group : VII - 500 mg/kg/day Sex : MALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	%FBW	ADRENAL GLANDS (Gms)	%FBW	%BRAIN	EPIDIDYIMIDES (Gms)	%FBW	%BRAIN	HEART (Gms)	%FBW	%BRAIN	(Gms)	KIDNEYS (Gms)	%FBW	%BRAIN
646343	473.80	2.092	0.4415	0.044	0.0093	2.1033	1.349	0.2847	64.484	1.405	0.2965	67.161	1.405	4.381	0.9247	209.42
646346	507.00	2.036	0.4016	0.045	0.0089	2.2102	1.343	0.2649	65.963	1.653	0.3260	81.189	1.653	3.951	0.7793	194.06
646347	411.60	2.101	0.5104	0.061	0.0148	2.9034	1.545	0.3754	73.536	1.308	0.3178	62.256	1.308	4.046	0.9830	192.57
646388	527.40	2.079	0.3942	0.051	0.0097	2.4531	1.293	0.2452	62.193	1.527	0.2895	73.449	1.527	4.576	0.8677	220.11
646407	514.90	2.115	0.4108	0.057	0.0111	2.6950	1.358	0.2637	64.208	1.545	0.3001	73.050	1.545	4.623	0.8978	218.58
646413	415.00	2.146	0.5171	0.055	0.0133	2.5629	1.438	0.3465	67.008	1.416	0.3412	65.983	1.416	3.893	0.9381	181.41
646433	406.20	2.011	0.4951	0.045	0.0111	2.2377	1.349	0.3321	67.081	1.179	0.2903	58.628	1.179	3.344	0.8232	166.29
646437	441.20	2.087	0.4730	0.047	0.0107	2.2520	1.282	0.2906	61.428	1.197	0.2713	57.355	1.197	3.531	0.8003	169.19
646442	414.70	2.029	0.4893	0.046	0.0111	2.2671	1.301	0.3137	64.120	1.188	0.2865	58.551	1.188	3.579	0.8630	176.39
646475	446.50	2.101	0.4705	0.036	0.0081	1.7135	1.218	0.2728	57.972	1.528	0.3422	72.727	1.528	4.160	0.9317	198.00
Mean	455.83	2.080	0.4604	0.049	0.0108	2.3398	1.348	0.2990	64.799	1.395	0.3061	67.035	1.395	4.008	0.8809	192.60
S.D.	46.705	0.042	0.0456	0.007	0.0020	0.3325	0.090	0.0417	4.1292	0.170	0.0243	7.9608	0.170	0.439	0.0659	19.362

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR MALE RATS
DESIGNATED FOR 90-DAY EXPOSURE EVALUATION

Organ Weight Listing

Group : I- 0 mg/kg/day Sex : MALES

ANIMAL	(Gms)	LIVER %FBW	%BRAIN	(Gms)	SPLEEN %FBW	%BRAIN	(Gms)	TESTES %FBW	%BRAIN	(Gms)	THYMUS %FBW	%BRAIN	(Gms)	THYROID GLAND %FBW	%BRAIN
646360	16.813	2.5641	794.57	0.992	0.1513	46.881	3.356	0.5118	158.60	0.701	0.1069	33.129	0.026	0.0040	1.2287
646367	12.462	2.3656	577.48	0.736	0.1397	34.106	3.561	0.6760	165.01	0.258	0.0490	11.956	0.018	0.0034	0.8341
646374	22.364	3.3696	1090.9	0.941	0.1418	45.902	3.662	0.5518	178.63	0.398	0.0600	19.415	0.031	0.0047	1.5122
646379	16.513	2.8055	784.84	0.803	0.1364	38.165	3.540	0.6014	168.25	0.617	0.1048	29.325	0.022	0.0037	1.0456
646420	20.268	3.3363	974.42	1.324	0.2179	63.654	3.769	0.6204	181.20	0.302	0.0497	14.519	0.018	0.0030	0.8654
646427	15.311	2.8613	688.13	0.907	0.1695	40.764	3.472	0.6489	156.04	0.388	0.0725	17.438	0.019	0.0036	0.8539
646482	15.441	2.9971	756.91	0.710	0.1378	34.804	4.006	0.7776	196.37	0.399	0.0774	19.559	0.023	0.0045	1.1275
646485	14.617	2.7465	718.99	0.720	0.1353	35.416	3.465	0.6511	170.44	0.389	0.0731	19.134	0.015	0.0028	0.7378
646489	16.130	2.5932	694.96	0.814	0.1309	35.071	4.229	0.6799	182.21	0.366	0.0588	15.769	0.022	0.0035	0.9479
646492	16.412	2.6348	748.38	1.091	0.1751	49.749	3.280	0.5266	149.57	0.526	0.0844	23.985	0.022	0.0035	1.0032
Mean	16.633	2.8274	782.96	0.904	0.1536	42.451	3.634	0.6245	170.63	0.434	0.0737	20.423	0.022	0.0037	1.0156
S.D.	2.809	0.3273	147.79	0.194	0.0271	9.3551	0.295	0.0807	14.185	0.139	0.0205	6.6158	0.005	0.0006	0.2283

Group : III - 25 mg/kg/day Sex : MALES

ANIMAL	(Gms)	LIVER %FBW	%BRAIN	(Gms)	SPLEEN %FBW	%BRAIN	(Gms)	TESTES %FBW	%BRAIN	(Gms)	THYMUS %FBW	%BRAIN	(Gms)	THYROID GLAND %FBW	%BRAIN
646370	15.950	2.9352	757.00	0.867	0.1596	41.149	3.459	0.6365	164.17	0.418	0.0769	19.839	0.021	0.0039	0.9967
646399	21.299	3.0686	1005.6	0.932	0.1343	44.004	3.586	0.5166	169.31	0.563	0.0955	31.303	0.020	0.0029	0.9443
646414	18.773	3.1851	826.64	0.930	0.1578	40.951	3.882	0.6586	170.94	0.470	0.0797	20.696	0.020	0.0034	0.8807
646421	18.079	3.3069	837.38	0.869	0.1590	40.250	3.697	0.6762	171.24	0.391	0.0715	18.110	0.020	0.0037	0.9264
646423	17.616	3.0530	817.45	0.703	0.1218	32.622	3.513	0.6088	163.02	0.470	0.0815	21.810	0.025	0.0043	1.1601
646426	19.112	3.3094	919.73	0.747	0.1294	35.948	3.734	0.6466	179.69	0.198	0.0343	9.5284	0.018	0.0031	0.8662
646443	20.732	3.4536	962.04	0.947	0.1578	43.944	3.774	0.6287	175.13	0.358	0.0596	16.613	0.026	0.0043	1.2065
646454	16.926	3.1391	766.92	0.763	0.1415	34.572	3.837	0.7116	173.86	0.369	0.0684	16.720	0.018	0.0033	0.8156

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR MALE RATS
DESIGNATED FOR 90-DAY EXPOSURE EVALUATION

Organ Weight Listing

Group : III - 25 mg/kg/day Sex : MALES

ANIMAL	LIVER (Gms)	%FBW	%BRAIN	SPLEEN (Gms)	%FBW	%BRAIN	TESTES (Gms)	%FBW	%BRAIN	THYMUS (Gms)	%FBW	%BRAIN	THYROID GLAND (Gms)	%FBW	%BRAIN
646458	18.099	3.0949	824.93	0.903	0.1544	41.158	3.577	0.6117	163.04	0.511	0.0874	23.291	0.017	0.0029	0.7748
646471	23.678	3.4035	1081.2	1.093	0.1571	49.909	3.355	0.4822	153.20	0.696	0.1000	31.781	0.019	0.0027	0.8676
Mean	19.026	3.1949	879.89	0.875	0.1473	40.451	3.641	0.6178	168.36	0.454	0.0755	20.969	0.020	0.0035	0.9439
S.D.	2.295	0.1676	107.54	0.115	0.0142	5.0738	0.171	0.0698	7.6352	0.147	0.0189	6.7267	0.003	0.0006	0.1413

Group : V - 100 mg/kg/day Sex : MALES

ANIMAL	LIVER (Gms)	%FBW	%BRAIN	SPLEEN (Gms)	%FBW	%BRAIN	TESTES (Gms)	%FBW	%BRAIN	THYMUS (Gms)	%FBW	%BRAIN	THYROID GLAND (Gms)	%FBW	%BRAIN
646349	22.014	4.2140	1099.1	0.701	0.1342	34.998	3.133	0.5997	156.42	0.318	0.0609	15.876	0.028	0.0054	1.3979
646373	28.418	4.5374	1288.2	1.074	0.1715	48.685	3.538	0.5649	160.38	0.325	0.0519	14.733	0.022	0.0035	0.9973
646385	24.648	4.5359	1186.7	0.884	0.1627	42.561	3.645	0.6708	175.49	0.292	0.0537	14.059	0.022	0.0040	1.0592
646435	21.684	3.9736	988.33	0.801	0.1468	36.509	3.166	0.5802	144.30	0.353	0.0647	16.089	0.026	0.0048	1.1851
646455	19.233	3.8359	927.79	0.846	0.1687	40.810	3.809	0.7597	183.74	0.252	0.0503	12.156	0.016	0.0032	0.7718
646456	21.683	4.1012	1104.0	0.706	0.1335	35.947	3.395	0.6421	172.86	0.278	0.0526	14.155	0.024	0.0045	1.2220
646463	19.800	4.3612	920.07	0.595	0.1311	27.649	3.927	0.8650	182.48	0.220	0.0485	10.223	0.018	0.0040	0.8364
646469	19.834	3.8490	984.81	0.879	0.1706	43.644	3.866	0.7502	191.96	0.307	0.0596	15.243	0.017	0.0033	0.8441
646472	18.630	4.1262	908.34	0.766	0.1697	37.348	3.675	0.8140	179.18	0.335	0.0742	16.333	0.026	0.0058	1.2677
646488	21.685	4.1407	1094.6	0.726	0.1386	36.648	3.949	0.7541	199.34	0.283	0.0540	14.286	0.018	0.0034	0.9086
Mean	21.763	4.1675	1050.2	0.798	0.1527	38.480	3.610	0.7001	174.62	0.296	0.0570	14.315	0.022	0.0042	1.0490
S.D.	2.915	0.2512	125.92	0.132	0.0174	5.7474	0.299	0.1033	16.782	0.040	0.0079	1.8913	0.004	0.0009	0.2120

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR MALE RATS
DESIGNATED FOR 90-DAY EXPOSURE EVALUATION

Organ Weight Listing

Group : VII - 500 mg/kg/day Sex : MALES

ANIMAL	LIVER		SPLEEN		TESTES		THYMUS		THYROID GLAND			
	(Gms)	%FBW	%BRAIN	(Gms)	%FBW	%BRAIN	(Gms)	%FBW	%BRAIN	(Gms)	%FBW	%BRAIN
646343	33.286	7.0253	1591.1	0.692	0.1461	33.078	3.645	0.7693	174.24	0.296	0.0625	14.149
646346	30.628	6.0410	1504.3	0.647	0.1276	31.778	3.396	0.6698	166.80	0.291	0.0574	14.293
646347	23.979	5.8258	1141.3	0.616	0.1497	29.319	4.017	0.9759	191.19	0.308	0.0748	14.660
646388	33.924	6.4323	1631.7	0.598	0.1134	28.764	3.519	0.6672	169.26	0.348	0.0660	16.739
646407	33.702	6.5453	1593.5	0.911	0.1769	43.073	3.489	0.6776	164.96	0.293	0.0569	13.853
646413	26.863	6.4730	1251.8	0.640	0.1542	29.823	3.899	0.9395	181.69	0.287	0.0692	13.374
646433	21.809	5.3690	1084.5	0.629	0.1548	31.278	3.486	0.8582	173.35	0.265	0.0652	13.178
646437	26.234	5.9461	1257.0	0.613	0.1389	29.372	3.470	0.7865	166.27	0.235	0.0533	11.260
646442	25.458	6.1389	1254.7	0.570	0.1374	28.093	3.521	0.8490	173.53	0.174	0.0420	8.5757
646475	29.607	6.6309	1409.2	0.595	0.1333	28.320	3.410	0.7637	162.30	0.198	0.0443	9.4241
Mean	28.549	6.2428	1371.9	0.651	0.1432	31.290	3.585	0.7957	172.36	0.270	0.0592	12.951
S.D.	4.313	0.4738	200.20	0.097	0.0174	4.4400	0.210	0.1096	8.6991	0.053	0.0105	2.4942

FBW - Final Body Weight

H-24768: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR MALE RATS
DESIGNATED FOR ONE-MONTH RECOVERY EVALUATION

Organ Weight Listing

Group : I- 0 mg/kg/day Sex : MALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	BRAIN %FBW	ADRENAL GLANDS (Gms)	ADRENAL GLANDS %FBW	ADRENAL GLANDS %BRAIN	EPIDIDYIMIDES (Gms)	EPIDIDYIMIDES %FBW	EPIDIDYIMIDES %BRAIN	(Gms)	HEART %FBW	HEART %BRAIN	(Gms)	KIDNEYS %FBW	KIDNEYS %BRAIN
646371	460.20	2.054	0.4463	0.043	0.0093	2.0935	1.386	0.3012	67.478	1.567	0.3405	76.290	3.079	0.6691	149.90
646398	561.80	2.212	0.3937	0.044	0.0078	1.9892	1.353	0.2408	61.166	1.642	0.2923	74.231	3.971	0.7068	179.52
646411	762.60	2.297	0.3012	0.061	0.0080	2.6556	1.835	0.2406	79.887	2.455	0.3219	106.88	5.476	0.7181	238.40
646416	572.00	2.130	0.3724	0.048	0.0084	2.2535	1.448	0.2531	67.981	1.834	0.3206	86.103	4.257	0.7442	199.86
646432	619.60	2.177	0.3514	0.054	0.0087	2.4805	1.731	0.2794	79.513	1.564	0.2524	71.842	3.908	0.6307	179.51
646446	570.80	2.188	0.3833	0.047	0.0082	2.1481	1.591	0.2787	72.715	1.835	0.3215	83.867	3.856	0.6755	176.23
646459	524.70	2.192	0.4178	0.052	0.0099	2.3723	1.526	0.2908	69.617	2.030	0.3869	92.609	3.457	0.6589	157.71
646460	539.40	2.067	0.3832	0.052	0.0096	2.5157	1.338	0.2481	64.732	1.712	0.3174	82.825	3.738	0.6930	180.84
646487	560.10	2.214	0.3953	0.043	0.0077	1.9422	1.430	0.2553	64.589	1.673	0.2987	75.565	4.292	0.7663	193.86
646494	589.70	2.230	0.3782	0.083	0.0141	3.7220	1.643	0.2786	73.677	1.806	0.3063	80.987	4.107	0.6965	184.17
Mean	576.09	2.176	0.3823	0.053	0.0092	2.4172	1.528	0.2667	70.135	1.812	0.3158	83.120	4.014	0.6959	184.00
S.D.	78.022	0.074	0.0385	0.012	0.0019	0.5151	0.169	0.0217	6.2770	0.267	0.0345	10.427	0.631	0.0404	24.203

Group : VII - 500 mg/kg/day Sex : MALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	BRAIN %FBW	ADRENAL GLANDS (Gms)	ADRENAL GLANDS %FBW	ADRENAL GLANDS %BRAIN	EPIDIDYIMIDES (Gms)	EPIDIDYIMIDES %FBW	EPIDIDYIMIDES %BRAIN	(Gms)	HEART %FBW	HEART %BRAIN	(Gms)	KIDNEYS %FBW	KIDNEYS %BRAIN
646337	554.00	2.160	0.3899	0.035	0.0063	1.6204	1.475	0.2662	68.287	1.798	0.3245	83.241	4.520	0.8159	209.26
646364	465.50	1.998	0.4292	0.056	0.0120	2.8028	1.334	0.2866	66.767	1.581	0.3396	79.129	3.370	0.7240	168.67
646369	456.50	1.884	0.4127	0.040	0.0088	2.1231	1.343	0.2942	71.285	1.752	0.3838	92.994	4.024	0.8815	213.59
646372	473.30	2.084	0.4403	0.057	0.0120	2.7351	1.431	0.3023	68.666	1.505	0.3180	72.217	3.872	0.8181	185.80
646384	624.60	2.096	0.3356	0.056	0.0090	2.6718	1.558	0.2494	74.332	2.089	0.3345	99.666	4.996	0.7999	238.36
646397	524.50	2.236	0.4263	0.062	0.0118	2.7728	1.918	0.3657	85.778	1.838	0.3504	82.200	4.792	0.9136	214.31
646428	497.30	2.181	0.4386	0.048	0.0097	2.2008	1.497	0.3010	68.638	1.580	0.3177	72.444	3.960	0.7963	181.57
646448	561.60	2.091	0.3723	0.052	0.0093	2.4868	1.542	0.2746	73.745	1.877	0.3342	89.766	4.576	0.8148	218.84
646474	475.70	2.014	0.4234	0.037	0.0078	1.8371	1.306	0.2745	64.846	1.751	0.3681	86.941	3.608	0.7585	179.15
646484	440.40	2.123	0.4821	0.053	0.0120	2.4965	1.315	0.2986	61.941	1.408	0.3197	66.321	3.501	0.7950	164.91
Mean	507.34	2.087	0.4150	0.050	0.0099	2.3747	1.472	0.2913	70.428	1.718	0.3391	82.492	4.122	0.8117	197.44
S.D.	57.968	0.101	0.0406	0.009	0.0020	0.4135	0.183	0.0312	6.5836	0.201	0.0224	10.317	0.567	0.0543	24.553

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR MALE RATS
DESIGNATED FOR ONE-MONTH RECOVERY EVALUATION

Organ Weight Listing

Group : I- 0 mg/kg/day Sex : MALES

ANIMAL	LIVER (Gms)	LIVER %FBW	%BRAIN	SPLEEN (Gms)	SPLEEN %FBW	%BRAIN	TESTES (Gms)	TESTES %FBW	%BRAIN	THYMUS (Gms)	THYMUS %FBW	%BRAIN	THYROID GLAND (Gms)	THYROID GLAND %FBW	%BRAIN
646371	11.013	2.3931	536.17	0.569	0.1236	27.702	3.333	0.7243	162.27	0.388	0.0843	18.890	0.021	0.0046	1.0224
646398	16.989	3.0240	768.04	0.744	0.1324	33.635	3.161	0.5627	142.90	0.211	0.0376	9.5389	0.037	0.0066	1.6727
646411	21.557	2.8268	938.48	0.976	0.1280	42.490	4.286	0.5620	186.59	0.427	0.0560	18.589	0.030	0.0039	1.3061
646416	15.395	2.6914	722.77	0.762	0.1332	35.775	3.272	0.5720	153.62	0.417	0.0729	19.577	0.023	0.0040	1.0798
646432	16.274	2.6265	747.54	0.715	0.1154	32.843	3.774	0.6091	173.36	0.243	0.0392	11.162	0.021	0.0034	0.9646
646446	14.608	2.5592	667.64	0.831	0.1456	37.980	3.350	0.5869	153.11	0.196	0.0343	8.9580	0.030	0.0053	1.3711
646459	14.915	2.8426	680.43	0.837	0.1214	29.060	3.134	0.5973	142.97	0.276	0.0526	12.591	0.028	0.0053	1.2774
646460	15.244	2.8261	737.49	0.855	0.1585	41.364	3.343	0.6198	161.73	0.342	0.0634	16.546	0.023	0.0043	1.1127
646487	16.775	2.9950	757.68	0.906	0.1618	40.921	3.197	0.5708	144.40	0.311	0.0555	14.047	0.023	0.0041	1.0388
646494	16.428	2.7858	736.68	0.743	0.1260	33.318	3.858	0.6542	173.00	0.463	0.0785	20.762	0.028	0.0047	1.2556
Mean	15.920	2.7571	729.29	0.774	0.1346	35.509	3.471	0.6059	159.40	0.327	0.0574	15.066	0.026	0.0046	1.2101
S.D.	2.616	0.1940	100.03	0.122	0.0157	5.1256	0.377	0.0507	14.806	0.095	0.0174	4.3753	0.005	0.0009	0.2127

Group : VII - 500 mg/kg/day Sex : MALES

ANIMAL	LIVER (Gms)	LIVER %FBW	%BRAIN	SPLEEN (Gms)	SPLEEN %FBW	%BRAIN	TESTES (Gms)	TESTES %FBW	%BRAIN	THYMUS (Gms)	THYMUS %FBW	%BRAIN	THYROID GLAND (Gms)	THYROID GLAND %FBW	%BRAIN
646337	21.248	3.8354	983.70	0.642	0.1159	29.722	3.727	0.6727	172.55	0.382	0.0690	17.685	0.023	0.0042	1.0648
646364	15.292	3.2851	765.37	0.810	0.1740	40.541	3.066	0.6586	153.45	0.353	0.0758	17.668	0.026	0.0056	1.3013
646369	15.947	3.4933	846.44	0.608	0.1332	32.272	2.934	0.6427	155.73	0.334	0.0732	17.728	0.029	0.0064	1.5393
646372	17.042	3.6007	817.75	0.702	0.1483	33.685	3.347	0.7072	160.60	0.207	0.0437	9.9328	0.020	0.0042	0.9597
646384	23.594	3.7775	1125.7	0.989	0.1583	47.185	3.949	0.6322	188.41	0.370	0.0592	17.653	0.027	0.0043	1.2882
646397	23.052	4.3950	1030.9	0.928	0.1769	41.503	4.427	0.8440	197.99	0.292	0.0557	13.059	0.033	0.0063	1.4758
646428	18.709	3.7621	857.82	0.636	0.1279	29.161	3.813	0.7667	174.83	0.333	0.0670	15.268	0.027	0.0054	1.2380
646448	22.124	3.9395	1058.1	0.775	0.1380	37.064	3.749	0.6676	179.29	0.281	0.0500	13.439	0.029	0.0052	1.3869
646474	17.899	3.7627	888.73	0.792	0.1665	39.325	3.754	0.7892	186.40	0.409	0.0860	20.308	0.025	0.0053	1.2413
646484	17.916	4.0681	843.90	0.644	0.1462	30.334	3.650	0.8288	171.93	0.216	0.0490	10.174	0.022	0.0050	1.0363
Mean	19.282	3.7919	921.84	0.753	0.1485	36.079	3.642	0.7210	174.12	0.318	0.0629	15.291	0.026	0.0052	1.2532
S.D.	2.998	0.3070	119.31	0.130	0.0203	6.0154	0.433	0.0794	14.556	0.068	0.0135	3.5178	0.004	0.0008	0.1891

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR MALE RATS
DESIGNATED FOR THREE-MONTH RECOVERY EVALUATION

Organ Weight Listing

Group : I - 0 mg/kg/day Sex : MALES

ANIMAL	FBW (Gms)	KIDNEYS (Gms)	LIVER (Gms)	SPLEEN (Gms)	TESTES (Gms)	THYROID GLAND (Gms)
		%FBW	%FBW	%FBW	%FBW	%FBW
646325	571.40	3.842	2.9181	0.720	3.979	0.024
646396	593.30	4.269	2.7720	0.743	3.890	0.023
646468	663.90	3.694	2.7543	0.704	3.561	0.033
646495	426.20	2.495	2.1931	0.661	3.562	0.018
Mean	563.70	3.575	2.6594	0.707	3.748	0.025
S.D.	99.803	0.760	0.3194	0.035	0.218	0.006

Group : III - 25 mg/kg/day Sex : MALES

ANIMAL	FBW (Gms)	KIDNEYS (Gms)	LIVER (Gms)	SPLEEN (Gms)	TESTES (Gms)	THYROID GLAND (Gms)
		%FBW	%FBW	%FBW	%FBW	%FBW
646368	667.70	4.183	2.4944	0.950	3.766	0.032
646436	631.70	4.228	2.7157	0.876	4.005	0.021
646438	640.30	4.882	2.9713	0.764	4.672	0.037
646449	665.00	3.163	2.1194	0.863	3.413	0.019
646453	550.00	3.804	2.5267	0.845	3.284	0.017
Mean	630.94	4.052	2.5655	0.860	3.828	0.025
S.D.	47.830	0.630	0.3134	0.067	0.551	0.009

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR MALE RATS
DESIGNATED FOR THREE-MONTH RECOVERY EVALUATION

Organ Weight Listing

Group : V - 100 mg/kg/day Sex : MALES

ANIMAL	FBW (Gms)	KIDNEYS (Gms)	%FBW	LIVER (Gms)	%FBW	SPLEEN (Gms)	%FBW	TESTES (Gms)	%FBW	THYROID GLAND (Gms)	%FBW
646327	577.60	3.864	0.6690	18.645	3.2280	0.693	0.1200	3.821	0.6615	0.019	0.0033
646335	696.00	4.859	0.6981	21.135	3.0366	1.009	0.1450	3.426	0.4922	0.018	0.0026
646376	525.00	3.646	0.6945	13.461	2.5640	0.755	0.1438	3.195	0.6086	0.021	0.0040
646403	593.20	3.908	0.6588	16.672	2.8105	0.727	0.1226	3.672	0.6190	0.022	0.0037
Mean	597.95	4.069	0.6801	17.478	2.9098	0.796	0.1328	3.529	0.5953	0.020	0.0034
S.D.	71.583	0.539	0.0192	3.241	0.2868	0.144	0.0134	0.276	0.0724	0.002	0.0006

Group : VII - 500 mg/kg/day Sex : MALES

ANIMAL	FBW (Gms)	KIDNEYS (Gms)	%FBW	LIVER (Gms)	%FBW	SPLEEN (Gms)	%FBW	TESTES (Gms)	%FBW	THYROID GLAND (Gms)	%FBW
646344	615.10	4.299	0.6989	17.420	2.8321	0.843	0.1371	3.960	0.6438	0.036	0.0059
646355	606.90	4.541	0.7482	18.763	3.0316	1.053	0.1735	3.117	0.5136	0.028	0.0046
646361	660.10	4.077	0.6176	18.436	2.7929	0.900	0.1363	3.732	0.5654	0.026	0.0039
646391	542.40	3.753	0.6919	17.398	3.2076	0.603	0.1112	3.894	0.7179	0.028	0.0052
646466	624.00	4.033	0.6463	19.282	3.0901	0.873	0.1399	3.418	0.5478	0.020	0.0032
Mean	609.70	4.141	0.6806	18.260	3.0028	0.854	0.1396	3.624	0.5977	0.028	0.0046
S.D.	42.752	0.296	0.0504	0.833	0.1807	0.162	0.0222	0.352	0.0824	0.006	0.0010

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR FEMALE RATS
DESIGNATED FOR 90-DAY EXPOSURE EVALUATION

Organ Weight Listing

Group : II - 0 mg/kg/day Sex : FEMALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	%FBW	ADRENAL GLANDS (Gms)	%FBW	%BRAIN	HEART (Gms)	%FBW	%BRAIN	KIDNEYS (Gms)	%FBW	%BRAIN	LIVER (Gms)	%FBW	%BRAIN
646537	290.90	2.067	0.7106	0.056	0.0193	2.7092	1.066	0.3664	51.572	2.316	0.7961	112.05	9.445	3.2468	456.94
646538	328.20	1.885	0.5743	0.086	0.0262	4.5623	1.209	0.3684	64.138	2.215	0.6749	117.51	8.947	2.7261	474.64
646560	246.00	1.791	0.7280	0.044	0.0179	2.4567	0.922	0.3748	51.480	1.850	0.7520	103.29	6.232	2.5333	347.96
646592	324.60	2.041	0.6288	0.065	0.0200	3.1847	1.036	0.3192	50.759	2.207	0.6799	108.13	8.758	2.6981	429.10
646612	283.10	1.998	0.7058	0.095	0.0336	4.7548	1.178	0.4161	58.959	2.211	0.7810	110.66	9.351	3.3031	468.02
646617	304.60	1.985	0.6517	0.055	0.0181	2.7708	1.144	0.3756	57.632	2.635	0.8651	132.75	8.528	2.7997	429.62
646649	362.70	1.922	0.5299	0.063	0.0174	3.2778	1.309	0.3609	68.106	2.720	0.7499	141.52	10.541	2.9063	548.44
646659	326.50	1.885	0.5773	0.064	0.0196	3.9952	1.234	0.3779	65.464	2.179	0.6674	115.60	9.014	2.7608	478.20
646665	267.60	1.954	0.7302	0.095	0.0355	4.8618	1.253	0.4682	64.125	2.507	0.9368	128.30	8.558	3.1981	437.97
646676	336.40	2.037	0.6055	0.054	0.0161	2.6510	1.114	0.3312	54.688	2.217	0.6590	108.84	10.267	3.0520	504.03
Mean	307.06	1.957	0.6442	0.068	0.0224	3.4624	1.147	0.3759	58.692	2.306	0.7562	117.86	8.964	2.9224	457.49
S.D.	35.302	0.086	0.0721	0.018	0.0070	0.9231	0.116	0.0418	6.4680	0.254	0.0922	12.335	1.175	0.2634	52.948

Group : IV - 25 mg/kg/day Sex : FEMALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	%FBW	ADRENAL GLANDS (Gms)	%FBW	%BRAIN	HEART (Gms)	%FBW	%BRAIN	KIDNEYS (Gms)	%FBW	%BRAIN	LIVER (Gms)	%FBW	%BRAIN
646502	250.30	1.900	0.7591	0.058	0.0232	3.0526	1.028	0.4107	54.105	1.836	0.7335	96.632	8.494	3.3935	447.05
646522	292.20	1.933	0.6615	0.061	0.0209	3.1557	1.029	0.3522	53.233	2.126	0.7276	109.98	9.583	3.2796	495.76
646567	327.00	2.036	0.6226	0.081	0.0248	3.9784	1.285	0.3930	63.114	2.939	0.8988	144.35	12.605	3.8547	619.11
646576	349.80	1.864	0.5329	0.045	0.0129	2.4142	1.284	0.3671	68.884	2.359	0.6744	126.56	11.467	3.2782	615.18
646595	277.90	1.957	0.7042	0.066	0.0237	3.3725	1.102	0.3965	56.311	2.523	0.9079	128.92	10.314	3.7114	527.03
646621	348.10	2.038	0.5855	0.077	0.0221	3.7782	1.173	0.3370	57.556	2.857	0.8207	140.19	10.801	3.1028	529.98
646635	295.60	1.949	0.6593	0.073	0.0247	3.7455	1.159	0.3921	59.466	2.755	0.9320	141.35	11.804	3.9932	605.64
646660	255.40	1.725	0.6754	0.062	0.0243	3.5942	1.030	0.4033	59.710	1.979	0.7749	114.72	9.227	3.6128	534.90

FBW - Final Body Weight

H-24768: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-5990

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR FEMALE RATS
DESIGNATED FOR 90-DAY EXPOSURE EVALUATION

Organ Weight Listing

Group : IV - 25 mg/kg/day Sex : FEMALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	%FBW	ADRENAL GLANDS (Gms)	%FBW	%BRAIN	HEART (Gms)	%FBW	%BRAIN	KIDNEYS (Gms)	%FBW	%BRAIN	LIVER (Gms)	%FBW	%BRAIN
546664	300.00	2.022	0.6740	0.083	0.0277	4.1048	1.101	0.3670	54.451	2.595	0.8650	128.34	11.497	3.8323	568.60
546673	263.80	2.129	0.8071	0.104	0.0394	4.8849	1.164	0.4412	54.674	2.745	1.0406	128.93	9.207	3.4901	432.46
Mean	296.01	1.955	0.6682	0.071	0.0244	3.6081	1.136	0.3860	58.151	2.471	0.8375	126.00	10.500	3.5549	537.57
S.D.	36.058	0.112	0.0791	0.016	0.0066	0.6713	0.096	0.0306	4.8770	0.383	0.1122	15.066	1.348	0.2932	66.194

Group : VI - 100 mg/kg/day Sex : FEMALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	%FBW	ADRENAL GLANDS (Gms)	%FBW	%BRAIN	HEART (Gms)	%FBW	%BRAIN	KIDNEYS (Gms)	%FBW	%BRAIN	LIVER (Gms)	%FBW	%BRAIN
546501	311.00	1.942	0.6244	0.078	0.0251	4.0165	1.468	0.4720	75.592	2.625	0.8441	135.17	17.253	5.5476	888.41
546505	333.00	2.076	0.6234	0.096	0.0288	4.6243	1.688	0.5069	81.310	3.616	1.0859	174.18	19.133	5.7456	921.63
546510	310.10	1.925	0.6208	0.075	0.0242	3.8961	1.234	0.3979	64.104	2.913	0.9394	151.32	16.306	5.2583	847.07
546534	301.10	1.973	0.6553	0.058	0.0193	2.9397	1.203	0.3995	60.973	2.877	0.9555	145.82	12.485	4.1465	632.79
546556	346.50	1.853	0.5348	0.072	0.0208	3.8856	1.379	0.3980	74.420	3.037	0.8765	163.90	16.180	4.6696	873.18
546578	302.80	1.825	0.6027	0.058	0.0192	3.1781	1.181	0.3900	64.712	2.608	0.8613	142.90	13.024	4.3012	713.64
546608	257.00	1.945	0.7568	0.057	0.0222	2.9306	1.037	0.4035	53.316	1.917	0.7459	98.560	11.098	4.3183	570.59
546624	307.70	1.987	0.6458	0.057	0.0185	2.8686	1.353	0.4397	68.093	2.690	0.8742	135.38	13.775	4.4768	693.26
546629	280.00	1.982	0.7079	0.058	0.0207	2.9263	1.035	0.3696	52.220	2.553	0.9118	128.81	14.162	5.0579	714.53
546633	310.50	2.012	0.6480	0.074	0.0238	3.6779	1.208	0.3890	60.040	2.623	0.8448	130.37	14.977	4.8235	744.38
Mean	305.97	1.952	0.6420	0.068	0.0223	3.4944	1.279	0.4166	65.478	2.746	0.8939	140.64	14.839	4.8345	759.95
S.D.	24.823	0.073	0.0595	0.013	0.0032	0.6089	0.200	0.0429	9.5206	0.430	0.0892	20.779	2.419	0.5525	117.37

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR FEMALE RATS
 DESIGNATED FOR 90-DAY EXPOSURE EVALUATION

Organ Weight Listing

Group : VIII - 500 mg/kg/day Sex : FEMALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	%FBW	ADRENAL GLANDS (Gms)	%FBW	%BRAIN	HEART (Gms)	%FBW	%BRAIN	KIDNEYS (Gms)	%FBW	%BRAIN	LIVER (Gms)	%FBW	%BRAIN
646509	299.30	1.921	0.6418	0.070	0.0234	3.6439	1.191	0.3979	61.999	2.614	0.8734	136.07	19.602	6.5493	1020.4
646535	291.80	1.956	0.6703	0.076	0.0260	3.8855	1.127	0.3862	57.618	2.628	0.9006	134.36	18.739	6.4219	958.03
646536	307.80	2.019	0.6559	0.095	0.0309	4.7053	1.277	0.4149	63.249	3.882	1.2612	192.27	23.507	7.6371	1164.3
646577	251.90	1.930	0.7662	0.067	0.0266	3.4715	0.843	0.3347	43.679	2.245	0.8912	116.32	15.142	6.0111	784.56
646593	255.30	1.858	0.7278	0.063	0.0247	3.3907	0.946	0.3705	50.915	2.293	0.8982	123.41	16.174	6.3353	870.51
646609	321.70	1.904	0.5919	0.069	0.0214	3.6239	1.179	0.3665	61.922	2.868	0.8915	150.63	21.152	6.5751	1110.9
646610	288.40	1.863	0.6460	0.064	0.0222	3.4353	1.138	0.3946	61.084	2.547	0.8831	136.71	16.123	5.5905	865.43
646614	289.00	1.873	0.6481	0.063	0.0218	3.3636	1.076	0.3723	57.448	2.511	0.8689	134.06	19.200	6.6436	1025.1
646657	316.90	1.905	0.6011	0.079	0.0249	4.1470	1.354	0.4273	71.076	3.468	1.0944	182.05	23.017	7.2632	1208.2
646669	268.20	1.909	0.7118	0.068	0.0254	3.5621	1.024	0.3818	53.641	2.198	0.8195	115.14	17.945	6.6909	940.02
Mean	289.03	1.914	0.6661	0.071	0.0247	3.7229	1.116	0.3847	58.263	2.725	0.9382	142.10	19.060	6.5718	994.75
S.D.	24.176	0.048	0.0549	0.010	0.0028	0.4215	0.151	0.0262	7.5534	0.548	0.1343	26.069	2.863	0.5762	137.47

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR FEMALE RATS
DESIGNATED FOR 90-DAY EXPOSURE EVALUATION

Organ Weight Listing

Group : II - 0 mg/kg/day Sex : FEMALEs

ANIMAL	OVARIES		SPLEEN		THYMUS		THYROID GLAND		UTERUS	
	(Gms)	%FBW %BRAIN	(Gms)	%FBW %BRAIN	(Gms)	%FBW %BRAIN	(Gms)	%FBW %BRAIN	(Gms)	%FBW %BRAIN
646537	0.131	0.0450 6.3377	0.464	0.1595 22.448	0.251	0.0863 12.143	0.020	0.0069 0.9676	1.485	0.5105 71.843
646538	0.152	0.0463 8.0637	0.534	0.1627 28.329	0.190	0.0579 10.080	0.013	0.0040 0.6897	0.532	0.1621 28.223
646560	0.100	0.0407 5.5835	0.442	0.1797 24.679	0.179	0.0728 9.9944	0.018	0.0073 1.0050	1.124	0.4569 62.758
646592	0.139	0.0428 6.8104	0.510	0.1571 24.988	0.376	0.1158 18.422	0.017	0.0040 0.6369	1.023	0.3152 50.122
646612	0.136	0.0480 6.8068	0.527	0.1862 26.376	0.260	0.0918 13.013	0.017	0.0060 0.8509	0.615	0.2172 30.781
646617	0.123	0.0404 6.1965	0.450	0.1477 22.670	0.239	0.0785 12.040	0.018	0.0059 0.9068	0.994	0.3263 50.076
646649	0.160	0.0441 8.3247	0.634	0.1748 32.986	0.306	0.0844 15.921	0.022	0.0061 1.1446	0.702	0.1935 36.524
646659	0.157	0.0481 8.3289	0.619	0.1896 32.838	0.256	0.0784 13.581	0.021	0.0064 1.1141	1.063	0.3256 56.393
646665	0.110	0.0411 5.6295	0.602	0.2250 30.809	0.206	0.0770 10.542	0.013	0.0049 0.6653	0.877	0.3277 44.882
646676	0.131	0.0389 6.4310	0.522	0.1552 25.626	0.200	0.0595 9.8184	0.011	0.0033 0.5400	0.415	0.1234 20.373
Mean	0.134	0.0435 6.8513	0.530	0.1737 27.175	0.246	0.0802 12.556	0.017	0.0055 0.8521	0.883	0.2958 45.198
S.D.	0.020	0.0033 1.0433	0.069	0.0228 3.9026	0.060	0.0165 2.8220	0.004	0.0014 0.2105	0.322	0.1245 16.259

Group : IV - 25 mg/kg/day Sex : FEMALEs

ANIMAL	(Gms)	OVARIES		SPLEEN		THYMUS		THYROID GLAND		UTERUS		
		%FBW	%BRAIN	(Gms)	%FBW	%BRAIN	(Gms)	%FBW	%BRAIN	(Gms)	%FBW	%BRAIN
646502	0.123	0.0491	6.4737	0.611	0.2441	32.158	0.221	0.0883	11.632	0.014	0.0056	0.7368
646522	0.141	0.0483	7.2944	0.636	0.2177	32.902	0.210	0.0719	10.864	0.021	0.0072	1.0864
646567	0.108	0.0330	5.3045	0.556	0.1700	27.308	0.290	0.0887	14.244	0.016	0.0049	0.7859
646576	0.091	0.0260	4.8820	0.591	0.1690	31.706	0.266	0.0760	14.270	0.016	0.0046	0.8584
646595	0.098	0.0353	5.0077	0.410	0.1475	20.950	0.211	0.0759	10.782	0.019	0.0068	0.9709
646621	0.113	0.0325	5.5447	0.643	0.1847	31.551	0.517	0.1485	25.368	0.016	0.0046	0.7851
646635	0.094	0.0318	4.8230	0.584	0.1976	29.964	0.256	0.0866	13.135	0.023	0.0078	1.1801
646660	0.089	0.0348	5.1594	0.450	0.1762	26.087	0.235	0.0920	13.623	0.020	0.0078	1.1594

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR FEMALE RATS
DESIGNATED FOR 90-DAY EXPOSURE EVALUATION

Organ Weight Listing

Group : IV - 25 mg/kg/day Sex : FEMALES

ANIMAL	OVARIES		SPLEEN		THYMUS		THYROID GLAND		UTERUS	
	(Gms)	%FBW %BRAIN	(Gms)	%FBW %BRAIN	(Gms)	%FBW %BRAIN	(Gms)	%FBW %BRAIN	(Gms)	%FBW %BRAIN
646664	0.106	0.0353 5.2423	0.592	0.1973 29.278	0.337	0.1123 16.667	0.012	0.0040 0.5935	0.634	0.2113 31.355
646673	0.121	0.0459 5.6834	0.604	0.2290 28.370	0.189	0.0716 8.8774	0.022	0.0083 1.0333	1.148	0.4352 53.922
Mean	0.108	0.0372 5.5415	0.568	0.1933 29.027	0.273	0.0912 13.946	0.018	0.0062 0.9190	0.714	0.2425 36.387
S.D.	0.017	0.0078 0.7810	0.077	0.0300 3.5989	0.096	0.0235 4.5872	0.004	0.0016 0.1967	0.202	0.0730 9.1915

Group : VI - 100 mg/kg/day Sex : FEMALES

ANIMAL	OVARIES		SPLEEN		THYMUS		THYROID GLAND		UTERUS	
	(Gms)	%FBW %BRAIN	(Gms)	%FBW %BRAIN	(Gms)	%FBW %BRAIN	(Gms)	%FBW %BRAIN	(Gms)	%FBW %BRAIN
646501	0.109	0.0350 5.6128	0.599	0.1926 30.844	0.289	0.0929 14.882	0.024	0.0077 1.2358	0.739	0.2376 38.054
646505	0.126	0.0378 6.0694	0.688	0.2066 33.141	0.274	0.0823 13.198	0.021	0.0063 1.0116	1.778	0.5339 85.645
646510	0.099	0.0319 5.1429	0.644	0.2077 33.455	0.233	0.0751 12.104	0.015	0.0048 0.7792	0.738	0.2380 38.338
646534	0.111	0.0369 5.6260	0.517	0.1717 26.204	0.223	0.0741 11.303	0.013	0.0043 0.6589	0.672	0.2232 34.060
646556	0.075	0.0216 4.0475	0.606	0.1749 32.704	0.344	0.0993 18.564	0.013	0.0038 0.7016	0.825	0.2381 44.522
646578	0.152	0.0502 8.3288	0.663	0.2190 36.329	0.268	0.0885 14.685	0.021	0.0069 1.1507	0.861	0.2843 47.178
646608	0.147	0.0572 7.5578	0.556	0.2163 28.586	0.208	0.0809 10.694	0.024	0.0093 1.2339	0.603	0.2346 31.003
646624	0.114	0.0370 5.7373	0.627	0.2038 31.555	0.340	0.1105 17.111	0.020	0.0065 1.0065	0.592	0.1924 29.794
646629	0.106	0.0379 5.3481	0.510	0.1821 25.732	0.236	0.0843 11.907	0.015	0.0054 0.7568	0.641	0.2289 32.341
646633	0.160	0.0515 7.9523	0.541	0.1742 26.889	0.251	0.0808 12.475	0.018	0.0058 0.8946	0.650	0.2093 32.306
Mean	0.120	0.0397 6.1423	0.595	0.1949 30.544	0.267	0.0869 13.692	0.018	0.0061 0.9430	0.810	0.2620 41.324
S.D.	0.026	0.0105 1.3660	0.062	0.0181 3.5535	0.047	0.0113 2.5812	0.004	0.0017 0.2173	0.352	0.0984 16.609

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR FEMALE RATS
DESIGNATED FOR 90-DAY EXPOSURE EVALUATION

Organ Weight Listing

Group : VIII - 500 mg/kg/day Sex : FEMALEs

ANIMAL	OVARIES		SPLEEN		THYMUS		THYROID GLAND		UTERUS	
	(Gms)	%FBW	(Gms)	%FBW	(Gms)	%FBW	(Gms)	%FBW	(Gms)	%FBW
646509	0.132	0.0441	0.585	0.1955	0.222	0.0742	0.021	0.0070	0.986	0.3294
646535	0.131	0.0449	0.589	0.2019	0.221	0.0757	0.015	0.0051	0.651	0.2231
646536	0.114	0.0370	0.562	0.1826	0.283	0.0919	0.022	0.0071	0.826	0.2684
646577	0.131	0.0520	0.521	0.2068	0.222	0.0881	0.014	0.0056	1.458	0.5788
646593	0.138	0.0541	0.558	0.2186	0.222	0.0870	0.019	0.0074	0.737	0.2887
646609	0.130	0.0404	0.658	0.2045	0.251	0.0780	0.022	0.0068	2.434	0.7566
646610	0.090	0.0312	0.597	0.2070	0.246	0.0853	0.027	0.0094	0.484	0.1678
646614	0.109	0.0377	0.525	0.1817	0.243	0.0841	0.016	0.0055	0.850	0.2941
646657	0.088	0.0278	0.646	0.2038	0.277	0.0874	0.023	0.0073	2.523	0.7962
646669	0.089	0.0332	0.544	0.2028	0.261	0.0973	0.015	0.0056	1.019	0.3799
Mean	0.115	0.0402	0.579	0.2005	0.245	0.0849	0.019	0.0067	1.197	0.4083
S.D.	0.020	0.0086	0.046	0.0113	0.023	0.0072	0.004	0.0013	0.723	0.2228

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR FEMALE RATS
DESIGNATED FOR ONE-MONTH RECOVERY EVALUATION

Organ Weight Listing

Group : II - 0 mg/kg/day Sex : FEMALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	%FBW	ADRENAL GLANDS (Gms)	%FBW	%BRAIN	HEART (Gms)	%FBW	%BRAIN	KIDNEYS (Gms)	%FBW	%BRAIN	LIVER (Gms)	%FBW	%BRAIN
646511	323.10	2.024	0.6264	0.092	0.0285	4.5455	1.209	0.3742	59.733	2.296	0.7106	113.44	9.500	2.9403	469.37
646549	390.70	1.971	0.5045	0.066	0.0169	3.3486	1.244	0.3184	63.115	2.934	0.7510	148.86	11.129	2.8485	564.64
646551	339.90	1.846	0.5431	0.069	0.0203	3.7378	1.084	0.3189	58.722	2.455	0.7223	132.99	9.643	2.8370	522.37
646565	377.40	1.977	0.5238	0.071	0.0188	3.5913	1.262	0.3344	63.834	2.605	0.6902	131.77	10.308	2.7313	521.40
646580	285.20	1.941	0.6806	0.064	0.0224	3.2973	1.006	0.3527	51.829	2.078	0.7286	107.06	7.242	2.5393	373.11
646581	307.90	2.008	0.6522	0.074	0.0240	3.6853	1.225	0.3979	61.006	2.574	0.8360	128.19	9.439	3.0656	470.07
646586	298.20	1.881	0.6308	0.068	0.0228	3.6151	1.223	0.4101	65.019	2.210	0.7411	117.49	9.151	3.0687	486.50
646613	317.00	1.880	0.5931	0.052	0.0164	2.7660	1.372	0.4328	72.979	2.084	0.6574	110.85	9.597	3.0274	510.48
646627	314.30	2.008	0.6389	0.079	0.0251	3.9343	1.198	0.3812	59.661	2.626	0.8355	130.78	9.450	3.0067	470.62
646652	354.90	1.984	0.5590	0.321	0.0904	16.179	1.463	0.4122	73.740	2.628	0.7405	132.46	11.326	3.1913	570.87
Mean	330.86	1.952	0.5952	0.096	0.0286	4.8700	1.229	0.3733	62.964	2.449	0.7413	125.39	9.679	2.9256	495.94
S.D.	34.338	0.062	0.0597	0.080	0.0221	3.9999	0.129	0.0408	6.5708	0.277	0.0568	12.861	1.134	0.1911	56.848

Group : VIII - 500 mg/kg/day Sex : FEMALES

ANIMAL	FBW (Gms)	BRAIN (Gms)	%FBW	ADRENAL GLANDS (Gms)	%FBW	%BRAIN	HEART (Gms)	%FBW	%BRAIN	KIDNEYS (Gms)	%FBW	%BRAIN	LIVER (Gms)	%FBW	%BRAIN
646506	258.80	1.923	0.7430	0.066	0.0255	3.4321	1.095	0.4231	56.942	2.457	0.9494	127.77	8.557	3.3064	444.98
646508	321.10	1.911	0.5951	0.087	0.0271	4.5526	1.274	0.3968	66.667	2.803	0.8729	146.68	12.484	3.8879	653.27
646540	283.70	1.939	0.6835	0.074	0.0261	3.8164	1.191	0.4198	61.423	2.256	0.7952	116.35	10.286	3.6257	530.48
646542	335.00	1.960	0.5851	0.073	0.0218	3.7245	1.506	0.4496	76.837	3.123	0.9322	159.34	14.498	4.3278	739.69
646545	285.40	1.945	0.6815	0.063	0.0221	3.2391	1.264	0.4429	64.987	2.643	0.9261	135.89	11.917	4.1755	612.70
646548	305.10	2.049	0.6716	0.084	0.0275	4.0996	1.427	0.4677	69.644	2.572	0.8430	125.52	13.308	4.3618	649.49
646599	266.60	1.913	0.7176	0.081	0.0304	4.2342	1.105	0.4145	57.763	2.398	0.8995	125.35	10.957	4.1099	572.77
646599	266.60	1.913	0.7176	0.081	0.0304	4.2342	1.105	0.4145	57.763	2.398	0.8995	125.35	10.957	4.1099	572.77
646618	283.30	2.012	0.7102	0.078	0.0275	3.8767	1.073	0.3788	53.330	2.568	0.9065	127.63	11.281	3.9820	560.69
646637	312.40	2.005	0.6418	0.088	0.0282	4.3890	1.362	0.4360	67.930	2.887	0.9241	143.99	12.348	3.9526	615.86
646650	294.50	2.059	0.6992	0.070	0.0238	3.3997	1.111	0.3772	53.958	2.554	0.8672	124.04	12.431	4.2211	603.74
Mean	294.59	1.972	0.6729	0.076	0.0260	3.8764	1.241	0.4206	62.948	2.626	0.8916	133.26	11.807	3.9951	598.37
S.D.	23.940	0.056	0.0515	0.009	0.0028	0.4416	0.152	0.0299	7.5949	0.253	0.0473	13.069	1.651	0.3277	79.129

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR FEMALE RATS
DESIGNATED FOR ONE-MONTH RECOVERY EVALUATION

Organ Weight Listing

Group : II - 0 mg/kg/day Sex : FEMALES

ANIMAL	OVARIES		SPLEEN		THYMUS		THYROID GLAND		UTERUS	
	(Gms)	%FBW %BRAIN	(Gms)	%FBW %BRAIN	(Gms)	%FBW %BRAIN	(Gms)	%FBW %BRAIN	(Gms)	%FBW %BRAIN
646511	0.094	0.0291 4.6443	0.678	0.2098 33.498	0.245	0.0758 12.105	0.023	0.0071 1.1364	0.990	0.3064 48.913
646549	0.101	0.0259 5.1243	0.499	0.1277 25.317	0.229	0.0586 11.618	0.021	0.0054 1.0654	0.774	0.1981 39.269
646551	0.127	0.0374 6.8797	0.597	0.1756 32.340	0.229	0.0674 12.405	0.021	0.0062 1.1376	0.948	0.2789 51.354
646565	0.125	0.0331 6.3227	0.766	0.2030 38.746	0.200	0.0530 10.116	0.022	0.0058 1.1128	0.923	0.2446 46.687
646580	0.116	0.0407 5.9763	0.516	0.1809 26.584	0.226	0.0792 11.643	0.017	0.0060 0.8758	0.600	0.2104 30.912
646581	0.114	0.0370 5.6773	0.481	0.1562 23.954	0.211	0.0685 10.508	0.018	0.0058 0.8964	0.660	0.2144 32.869
646586	0.095	0.0319 5.0505	0.456	0.1529 24.242	0.209	0.0701 11.111	0.021	0.0070 1.1164	0.826	0.2770 43.913
646613	0.133	0.0420 7.0745	0.466	0.1470 24.787	0.189	0.0596 10.053	0.018	0.0057 0.9574	0.517	0.1631 27.500
646627	0.087	0.0277 4.3327	0.441	0.1403 21.962	0.280	0.0891 13.944	0.023	0.0073 1.1454	0.775	0.2466 38.596
646652	0.102	0.0287 5.1411	0.607	0.1710 30.595	0.239	0.0673 12.046	0.023	0.0065 1.1593	0.804	0.2265 40.524
Mean	0.109	0.0333 5.6223	0.551	0.1665 28.203	0.226	0.0689 11.555	0.021	0.0063 1.0603	0.782	0.2366 40.054
S.D.	0.016	0.0057 0.9271	0.108	0.0266 5.3471	0.026	0.0106 1.1835	0.002	0.0007 0.1086	0.153	0.0430 7.8940

Group : VIII - 500 mg/kg/day Sex : FEMALES

ANIMAL	OVARIES		SPLEEN		THYMUS		THYROID GLAND		UTERUS	
	(Gms)	%FBW %BRAIN	(Gms)	%FBW %BRAIN	(Gms)	%FBW %BRAIN	(Gms)	%FBW %BRAIN	(Gms)	%FBW %BRAIN
646506	0.131	0.0506 6.8123	0.517	0.1998 26.885	0.138	0.0533 7.1763	0.015	0.0058 0.7800	1.104	0.4266 57.410
646508	0.102	0.0318 5.3375	0.541	0.1685 28.310	0.190	0.0592 9.9424	0.025	0.0078 1.3082	1.857	0.5783 97.174
646540	0.093	0.0328 4.7963	0.503	0.1773 25.941	0.302	0.1065 15.575	0.021	0.0074 1.0830	0.863	0.3042 44.507
646542	0.094	0.0281 4.7959	0.561	0.1675 28.622	0.236	0.0704 12.041	0.016	0.0048 0.8163	0.682	0.2036 34.796
646545	0.090	0.0315 4.6272	0.524	0.1836 26.941	0.180	0.0631 9.2545	0.017	0.0060 0.8740	0.967	0.3388 49.717
646548	0.110	0.0361 5.3685	0.489	0.1603 23.865	0.261	0.0855 12.738	0.019	0.0062 0.9273	0.948	0.3107 46.266
646599	0.062	0.0233 3.2410	0.402	0.1508 21.014	0.210	0.0788 10.978	0.021	0.0079 1.0978	0.843	0.3162 44.067
646618	0.147	0.0519 7.3062	0.547	0.1931 27.187	0.187	0.0660 9.2942	0.022	0.0078 1.0934	0.864	0.3050 42.942
646637	0.144	0.0461 7.1820	0.608	0.1946 30.324	0.253	0.0810 12.618	0.019	0.0061 0.9476	0.530	0.1697 26.434
646650	0.131	0.0445 6.3623	0.538	0.1827 26.129	0.244	0.0829 11.850	0.019	0.0065 0.9228	0.488	0.1657 23.701
Mean	0.110	0.0377 5.5829	0.523	0.1778 26.522	0.220	0.0747 11.147	0.019	0.0066 0.9851	0.915	0.3119 46.702
S.D.	0.027	0.0099 1.3076	0.054	0.0159 2.5970	0.048	0.0155 2.3537	0.003	0.0010 0.1598	0.383	0.1240 20.491

FBW - Final Body Weight

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR FEMALE RATS
DESIGNATED FOR THREE-MONTH RECOVERY EVALUATION

Organ Weight Listing

Group : II - 0 mg/kg/day Sex : FEMALES

ANIMAL	FBW (Gms)	KIDNEYS (Gms)	%FBW	LIVER (Gms)	%FBW	SPLEEN (Gms)	%FBW	THYROID GLAND (Gms)	%FBW
646507	307.20	2.180	0.7096	8.457	2.7529	0.610	0.1986	0.018	0.0059
646530	330.90	1.997	0.6035	8.110	2.4509	0.430	0.1299	0.019	0.0057
646588	327.90	2.340	0.7136	8.183	2.4956	0.514	0.1568	0.016	0.0049
646597	397.50	2.790	0.7019	10.456	2.6304	0.484	0.1218	0.022	0.0055
Mean	340.88	2.327	0.6822	8.802	2.5825	0.510	0.1518	0.019	0.0055
S.D.	39.193	0.339	0.0527	1.113	0.1369	0.075	0.0346	0.002	0.0004

Group : IV - 25 mg/kg/day Sex : FEMALES

ANIMAL	FBW (Gms)	KIDNEYS (Gms)	%FBW	LIVER (Gms)	%FBW	SPLEEN (Gms)	%FBW	THYROID GLAND (Gms)	%FBW
646531	326.20	2.290	0.7020	9.407	2.8838	0.518	0.1588	0.022	0.0067
646568	423.70	2.812	0.6637	11.521	2.7191	0.512	0.1208	0.021	0.0050
646625	342.40	2.642	0.7716	9.119	2.6633	0.477	0.1393	0.019	0.0055
646626	262.00	1.988	0.7588	8.330	3.1794	0.426	0.1626	0.020	0.0076
646636	330.10	2.053	0.6219	8.486	2.5707	0.444	0.1345	NW ^a	
Mean	336.88	2.357	0.7036	9.373	2.8033	0.475	0.1432	0.021	0.0062
S.D.	57.739	0.361	0.0631	1.280	0.2391	0.041	0.0174	0.001	0.0012

FBW - Final Body Weight

^a Not weighed. Rationale documented in study records.

INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS FOR FEMALE RATS
DESIGNATED FOR THREE-MONTH RECOVERY EVALUATION

Organ Weight Listing

Group : VI - 100 mg/kg/day Sex : FEMALES

ANIMAL	FBW (Gms)	KIDNEYS (Gms)	%FBW	LIVER (Gms)	%FBW	SPLEEN (Gms)	%FBW	THYROID GLAND (Gms)	%FBW
646630	405.00	3.893	0.9612	14.775	3.6481	0.550	0.1358	0.020	0.0049
646632	311.20	2.700	0.8676	10.756	3.4563	0.491	0.1578	0.018	0.0058
646634	288.40	2.219	0.7694	9.143	3.1702	0.531	0.1841	0.016	0.0055
646656	381.70	2.540	0.6654	10.958	2.8708	0.604	0.1582	0.017	0.0045
Mean	346.58	2.838	0.8159	11.408	3.2864	0.544	0.1590	0.018	0.0052
S.D.	55.627	0.731	0.1273	2.387	0.3396	0.047	0.0198	0.002	0.0006

Group : VIII - 500 mg/kg/day Sex : FEMALES

ANIMAL	FBW (Gms)	KIDNEYS (Gms)	%FBW	LIVER (Gms)	%FBW	SPLEEN (Gms)	%FBW	THYROID GLAND (Gms)	%FBW
646523	255.00	2.276	0.8925	9.441	3.7024	0.549	0.2153	0.013	0.0051
646528	357.70	2.636	0.7369	11.762	3.2882	0.754	0.2108	0.018	0.0050
646620	318.40	2.651	0.8326	10.140	3.1847	0.594	0.1866	0.020	0.0063
646667	307.30	2.840	0.9242	11.746	3.8223	0.509	0.1656	0.022	0.0072
Mean	309.60	2.601	0.8466	10.772	3.4994	0.602	0.1946	0.018	0.0059
S.D.	42.338	0.236	0.0824	1.169	0.3104	0.107	0.0231	0.004	0.0010

FBW - Final Body Weight

APPENDIX N

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

EXPLANATORY NOTES

LESION GRADING:

Histopathological changes are described according to their morphologic character, distribution and severity. The distribution (extent of tissue involvement) is indicated, where appropriate, by modifiers such as focal, multifocal, diffuse, unilateral, bilateral, etc. A severity score, if appropriate, is also assigned as follows:

- MINIMAL: The amount of change present barely exceeds that which is considered to be within normal limits.
- MILD: In general, the lesion is easily identified but of limited severity. The lesion probably does not produce any functional impairment.
- MODERATE: The lesion is prominent but there is significant potential for increased severity. Limited tissue or organ dysfunction is possible.
- SEVERE: The degree of change is either as complete as considered possible or great enough in intensity or extent to expect significant tissue or organ dysfunction.

COMMENT:

Grades minimal through severe represent progressive involvement/severity along a continuum with minimal lesions being the least severe and severe lesions being the most severe. While the grades refer to the morphological characteristics of lesions, they also indicate their relative biological significance.

Gross observations listing multiple masses for a tissue are distinguished with letters (i.e., A, b, c, d, etc.).

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref	Microscopic & Macroscopic Findings
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646325	Terminal Sacrifice Killed on Day : 183 Exposure Group : 3-Month Recovery Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, SPLEEN, THYROID GLAND, PARATHYROID GLANDS,
TESTES

Histopathology :

LIVER :
FATTY CHANGE, PERIPORTAL, minimal.
KIDNEYS :
NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
CAUSE OF DEATH :
SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
SPLEEN, THYROID GLAND

646360	Terminal Sacrifice Killed on Day : 95 Exposure Group : 90-Day Exposure Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

646360 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646360 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :

THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

HEART :

CARDIOMYOPATHY, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

CAUSE OF DEATH :

SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, SKELETAL MUSCLE, SPLEEN, AORTA,
BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM,
PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE,
SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL
GLANDS, SCIATIC NERVE, PITUITARY GLAND, PARATHYROID GLANDS,
ESOPHAGUS, PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN,
PROSTATE, SEMINAL VESICLES, URINARY BLADDER, TESTES,
EPIDIDYIMIDES, FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE
I & II, NOSE III & IV

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref	Microscopic & Macroscopic Findings
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646367	Terminal Sacrifice Killed on Day : 96 Exposure Group : 90-Day Exposure Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

THYROID GLAND :

ALTERATION, COLLOID, minimal.

CAUSE OF DEATH :

SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT,
STERNUM, BONE MARROW, NOSE I & II, NOSE III & IV

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref	Microscopic & Macroscopic Findings
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646371	Terminal Sacrifice Killed on Day : 123 Exposure Group : 1-Month Recovery Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

THYROID GLAND :
ALTERATION, COLLOID, minimal.

CAUSE OF DEATH :
SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
LIVER, KIDNEYS, SPLEEN

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref	Microscopic & Macroscopic Findings
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646374	Terminal Sacrifice Killed on Day : 95 Exposure Group : 90-Day Exposure Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 INFLAMMATION, SUBACUTE/CHRONIC, FOCAL, minimal.
SPLEEN :
 INFLAMMATION, SUBACUTE/CHRONIC, FOCAL, minimal.
PANCREAS :
 INFLAMMATION, SUBACUTE/CHRONIC, FOCAL, minimal.
THYROID GLAND :
 ALTERATION, COLLOID, mild.
CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646374 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :

KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, AORTA, BRAIN,
SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, CECUM,
COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS,
MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC
NERVE, PITUITARY GLAND, PARATHYROID GLANDS, TRACHEA,
ESOPHAGUS, PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN,
PROSTATE, SEMINAL VESICLES, URINARY BLADDER, TESTES,
EPIDIDYIMIDES, FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE
I & II, NOSE III & IV

646379 Terminal Sacrifice.
Killed on Day : 95
Exposure Group : 90-Day Exposure
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

646379 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646379 Continued from previous page

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, FOCAL, minimal.
HYPERTROPHY, CENTRIOLOBULAR, minimal.

PANCREAS :

INFLAMMATION, SUBACUTE/CHRONIC, FOCAL, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

PARATHYROID GLANDS :

MISSING.

CAUSE OF DEATH :

SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :

KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA,
BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM,
CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY
GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS,
SCIATIC NERVE, PITUITARY GLAND, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE I & II, NOSE
III & IV

ORGANS NOT EXAMINED:

PARATHYROID GLANDS

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646396 Terminal Sacrifice
 Killed on Day : 183
 Exposure Group : 3-Month Recovery
 Animal is signed off from necropsy

Gross Pathology :

 No Macroscopic Abnormality Observed :
 LIVER, KIDNEYS, SPLEEN, THYROID GLAND, PARATHYROID GLANDS,
 TESTES

Histopathology :

 LIVER :
 INFLAMMATION, SUBACUTE/CHRONIC, FOCAL, minimal.
 KIDNEYS :
 NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
 CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

 No Microscopic Abnormality Observed :
 SPLEEN, THYROID GLAND

646398 Terminal Sacrifice
 Killed on Day : 123
 Exposure Group : 1-Month Recovery
 Animal is signed off from necropsy

Gross Pathology :

 No Macroscopic Abnormality Observed :
 LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
 AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
 ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
 NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
 ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646398 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :

THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, FOCAL, minimal.

CAUSE OF DEATH :

SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :

KIDNEYS, SPLEEN, THYROID GLAND

646411

Terminal Sacrifice

Killed on Day : 123

Exposure Group : 1-Month Recovery

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

646411 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646411 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :

THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

CAUSE OF DEATH :

SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :

LIVER, SPLEEN, THYROID GLAND

646416

Terminal Sacrifice

Killed on Day : 123

Exposure Group : 1-Month Recovery

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

646416 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646416 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, FOCAL, minimal.
KIDNEYS :
NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
THYROID GLAND :
ALTERATION, COLLOID, minimal.
CAUSE OF DEATH :
SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
SPLEEN

646420 Terminal Sacrifice
Killed on Day : 95
Exposure Group : 90-Day Exposure
Animal is signed off from necropsy

Gross Pathology :

URINARY BLADDER :
CALCULUS\CALCULI, severe.
COAGULATING GLANDS :
LARGE, LEFT, severe.

646420 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646420 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT,
STERNUM, NOSE

Histopathology :

LIVER :

FATTY CHANGE, PERIportal, minimal.
FATTY CHANGE, MEDIAN CLEFT, minimal.
INFLAMMATION, SUBACUTE/CHRONIC, FOCAL, minimal.

KIDNEYS :

PYELONEPHRITIS, BILATERAL, mild.

THYROID GLAND :

ALTERATION, COLLOID, mild.

PROSTATE :

INFLAMMATION, SUBACUTE/CHRONIC, moderate.

SEMINAL VESICLES :

INFLAMMATION, SUBACUTE/CHRONIC, mild.

URINARY BLADDER :

CALCULUS/CALCULI.

HYPERPLASIA, TRANSITIONAL CELL, moderate.

INFLAMMATION, SUBACUTE/CHRONIC, mild.

CAUSE OF DEATH :

SACRIFICE BY DESIGN.

646420 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646420 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :

LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE I & II, NOSE III & IV

646427

Terminal Sacrifice

Killed on Day : 95

Exposure Group : 90-Day Exposure

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT, STERNUM, NOSE

646427 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646427 Continued from previous page

Histopathology :

LIVER :
 FATTY CHANGE, MEDIAN CLEFT, minimal.
KIDNEYS :
 NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
PROSTATE :
 INFLAMMATION, SUBACUTE/CHRONIC, minimal.
CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL
CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM,
COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS,
MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC
NERVE, PITUITARY GLAND, THYROID GLAND, PARATHYROID GLANDS,
TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, SEMINAL VESICLES, URINARY
BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT, STERNUM,
BONE MARROW, NOSE I & II, NOSE III & IV

646432 Terminal Sacrifice
 Killed on Day : 123
 Exposure Group : 1-Month Recovery
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

646432 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646432 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :

THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

CAUSE OF DEATH :

SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :

LIVER, SPLEEN

646446

Terminal Sacrifice

Killed on Day : 123

Exposure Group : 1-Month Recovery

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

646446 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646446 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMITES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, FOCAL, minimal.
THYROID GLAND :
ALTERATION, COLLOID, minimal.
CAUSE OF DEATH :
SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
KIDNEYS, SPLEEN

646457 Unscheduled Sacrifice
Duration of dosing-days: 57
Exposure Group : 90-Day Exposure
Animal is signed off from necropsy

Gross Pathology :

SKIN :
STAIN, RED, VENTRAL BODY, WET.
URINARY BLADDER :
DILATATION, RED, severe.

646457 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646457 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, PROSTATE, SEMINAL
VESICLES, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT, STERNUM,
NOSE

Histopathology :

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, mild.

URINARY BLADDER :

INFLAMMATION, SUBACUTE/CHRONIC, mild.
HEMORRHAGE, moderate.

CAUSE OF DEATH :

KIDNEY: INFLAMMATION/OBSTRUCTION.

No Microscopic Abnormality Observed :

LIVER, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN,
SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS,
CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY
GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS,
SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,
PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT, STERNUM, BONE
MARROW, NOSE I & II, NOSE III & IV

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref	Microscopic & Macroscopic Findings
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646459	Terminal Sacrifice Killed on Day : 123 Exposure Group : 1-Month Recovery Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMITES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 INFLAMMATION, SUBACUTE/CHRONIC, FOCAL, minimal.
THYROID GLAND :
 ALTERATION, COLLOID, minimal.
CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
KIDNEYS, SPLEEN

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646460 Terminal Sacrifice
Killed on Day : 123
Exposure Group : 1-Month Recovery
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

CAUSE OF DEATH :

SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :

LIVER, KIDNEYS, SPLEEN, THYROID GLAND

646468 Terminal Sacrifice
Killed on Day : 183
Exposure Group : 3-Month Recovery
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, SPLEEN, THYROID GLAND, PARATHYROID GLANDS,
TESTES

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646468 Continued from previous page

Histopathology :

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

CAUSE OF DEATH :

SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :

LIVER, SPLEEN, THYROID GLAND

646482

Terminal Sacrifice

Killed on Day : 95

Exposure Group : 90-Day Exposure

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

646482 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646482 Continued from previous page

Histopathology :

PARATHYROID GLANDS :
MISSING.

CAUSE OF DEATH :
, SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :

LIVER, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN,
SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS,
CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY
GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS,
SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND, TRACHEA,
ESOPHAGUS, PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN,
PROSTATE, SEMINAL VESICLES, URINARY BLADDER, TESTES,
EPIDIDYIMIDES, FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE
I & II, NOSE III & IV

ORGANS NOT EXAMINED:
PARATHYROID GLANDS

646485 Terminal Sacrifice
Killed on Day : 95
Exposure Group : 90-Day Exposure
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646485 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :

THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, FOCAL, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

PROSTATE :

INFLAMMATION, SUBACUTE/CHRONIC, mild.

CAUSE OF DEATH :

SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :

LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL
CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM,
COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS,
MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC
NERVE, PITUITARY GLAND, PARATHYROID GLANDS, TRACHEA,
ESOPHAGUS, PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE I & II, NOSE
III & IV

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646487 Terminal Sacrifice
 Killed on Day : 123
 Exposure Group : 1-Month Recovery
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

CAUSE OF DEATH :
SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
LIVER, KIDNEYS, SPLEEN, THYROID GLAND

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646489 Terminal Sacrifice
 Killed on Day : 95
 Exposure Group : 90-Day Exposure
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

PANCREAS :
INFLAMMATION, SUBACUTE/CHRONIC, FOCAL, minimal.
CAUSE OF DEATH :
SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE,
SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL
GLANDS, SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,
PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
URINARY BLADDER, TESTES, EPIDIDYIMIDES, FEMUR/KNEE JOINT,
STERNUM, BONE MARROW, NOSE I & II, NOSE III & IV

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646492 Terminal Sacrifice
 Killed on Day : 95
 Exposure Group : 90-Day Exposure
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

KIDNEYS :
 NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
EYE(S) WITH OPTIC NERVE :
 HEMORRHAGE/INFLAMMATION (BLEEDING PROCEDURE), minimal.
CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
LIVER, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN,
SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS,
CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY
GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS,
SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,

646492 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646492 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :
PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
SKIN, PROSTATE, SEMINAL VESICLES, URINARY BLADDER, TESTES,
EPIDIDYIMIDES, FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE
I & II, NOSE III & IV

646494 Terminal Sacrifice
Killed on Day : 123
Exposure Group : 1-Month Recovery
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

THYROID GLAND :
ALTERATION, COLLOID, minimal.
CAUSE OF DEATH :
SACRIFICE BY DESIGN.

646494 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : I- 0 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646494 Continued from previous page

Histopathology :

 No Microscopic Abnormality Observed :
 LIVER, KIDNEYS, SPLEEN

646495 Terminal Sacrifice
 Killed on Day : 183
 Exposure Group : 3-Month Recovery
 Animal is signed off from necropsy

Gross Pathology :

 No Macroscopic Abnormality Observed :
 LIVER, KIDNEYS, SPLEEN, THYROID GLAND, PARATHYROID GLANDS,
 TESTES

Histopathology :

 LIVER :
 INFLAMMATION, SUBACUTE/CHRONIC, FOCAL, minimal.
 KIDNEYS :
 NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
 THYROID GLAND :
 ALTERATION, COLLOID, minimal.
 CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

 No Microscopic Abnormality Observed :
 SPLEEN

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646368 Terminal Sacrifice
 Killed on Day : 183
 Exposure Group : 3-Month Recovery
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, SPLEEN, THYROID GLAND, PARATHYROID GLANDS,
TESTES

Histopathology :

KIDNEYS :
 NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
SPLEEN :
 HEMATOPOIESIS, INCREASED, minimal.
THYROID GLAND :
 ALTERATION, COLLOID, mild.
CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
LIVER

646370 Terminal Sacrifice
 Killed on Day : 95
 Exposure Group : 90-Day Exposure
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646370 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 HYPERTROPHY, CENTRIOBULAR, minimal.
KIDNEYS :
 NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
THYROID GLAND :
 ALTERATION, COLLOID, minimal.
CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
SPLEEN

646399 Terminal Sacrifice
 Killed on Day : 95
 Exposure Group : 90-Day Exposure
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

646399 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646399 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :

THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :

HYPERTROPHY, CENTRIOBULAR, minimal.

THYROID GLAND :

ALTERATION, COLLOID, moderate.

CAUSE OF DEATH :

SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :

KIDNEYS, SPLEEN

646414

Terminal Sacrifice

Killed on Day : 95

Exposure Group : 90-Day Exposure

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

646414 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646414 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
FATTY CHANGE, MEDIAN CLEFT, minimal.
THYROID GLAND :
ALTERATION, COLLOID, mild.
CAUSE OF DEATH :
SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
KIDNEYS, SPLEEN

646421 Terminal Sacrifice
Killed on Day : 95
Exposure Group : 90-Day Exposure
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

646421 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646421 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

THYROID GLAND :
ALTERATION, COLLOID, severe.
CAUSE OF DEATH :
SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
LIVER, KIDNEYS, SPLEEN

646423 Terminal Sacrifice
Killed on Day : 95
Exposure Group : 90-Day Exposure
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

646423 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646423 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

THYROID GLAND :
ALTERATION, COLLOID, severe.
HYPERTROPHY, FOLLICULAR, minimal.
CAUSE OF DEATH :
SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
LIVER, KIDNEYS, SPLEEN

646426 Terminal Sacrifice
Killed on Day : 95
Exposure Group : 90-Day Exposure
Animal is signed off from necropsy

Gross Pathology :

URINARY BLADDER :
CALCULUS\CALCULI.

646426 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646426 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT,
STERNUM, NOSE

Histopathology :

KIDNEYS :

HYDRONEPHROSIS, BILATERAL, mild.
NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

THYROID GLAND :

ALTERATION, COLLOID, severe.

URINARY BLADDER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERPLASIA, TRANSITIONAL CELL, minimal.

CAUSE OF DEATH :

SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :

LIVER, SPLEEN

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646436 Terminal Sacrifice
 Killed on Day : 183
 Exposure Group : 3-Month Recovery
 Animal is signed off from necropsy

Gross Pathology :

 No Macroscopic Abnormality Observed :
 LIVER, KIDNEYS, SPLEEN, THYROID GLAND, PARATHYROID GLANDS,
 TESTES

Histopathology :

 THYROID GLAND :
 ALTERATION, COLLOID, mild.

 CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

 No Microscopic Abnormality Observed :
 LIVER, KIDNEYS, SPLEEN

646438 Terminal Sacrifice
 Killed on Day : 183
 Exposure Group : 3-Month Recovery
 Animal is signed off from necropsy

Gross Pathology :

 No Macroscopic Abnormality Observed :
 LIVER, KIDNEYS, SPLEEN, THYROID GLAND, PARATHYROID GLANDS,
 TESTES

646438 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646438 Continued from previous page

Histopathology :

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

THYROID GLAND :

ALTERATION, COLLOID, moderate.

CAUSE OF DEATH :

SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :

LIVER, SPLEEN

646443

Terminal Sacrifice

Killed on Day : 95

Exposure Group : 90-Day Exposure

Animal is signed off from necropsy

Gross Pathology :

KIDNEYS :

DILATATION, RIGHT, PELVIS.

THYMUS :

DISCOLORATION, BILATERAL.

No Macroscopic Abnormality Observed :

LIVER, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN,
SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS,
CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY
GLANDS, MANDIBULAR LYMPH NODE, ADRENAL GLANDS, SCIATIC
NERVE, PITUITARY GLAND, THYROID GLAND, PARATHYROID GLANDS,

646443 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646443 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT,
STERNUM, NOSE

Histopathology :

LIVER :
HYPERTROPHY, CENTRIOBULAR, minimal.
INFLAMMATION, SUBACUTE/CHRONIC, FOCAL, minimal.
KIDNEYS :
HYDRONEPHROSIS, UNILATERAL, mild.
THYMUS :
NO MICROSCOPIC EVIDENCE OF MACROSCOPIC FINDING.
THYROID GLAND :
ALTERATION, COLLOID, minimal.
CAUSE OF DEATH :
SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
SPLEEN

646449 Terminal Sacrifice
Killed on Day : 183
Exposure Group : 3-Month Recovery
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, SPLEEN, THYROID GLAND, PARATHYROID GLANDS,
TESTES

646449 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646449 Continued from previous page

Histopathology :

LIVER :

FATTY CHANGE, MEDIAN CLEFT, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

THYROID GLAND :

ALTERATION, COLLOID, moderate.

CAUSE OF DEATH :

SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :

SPLEEN

646453

Terminal Sacrifice

Killed on Day : 183

Exposure Group : 3-Month Recovery

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, SPLEEN, THYROID GLAND, PARATHYROID GLANDS,
TESTES

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, FOCAL, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, mild.

THYROID GLAND :

ALTERATION, COLLOID, moderate.

646453 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646453 Continued from previous page

Histopathology :

CAUSE OF DEATH :
SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
SPLEEN

646454 Terminal Sacrifice
Killed on Day : 95
Exposure Group : 90-Day Exposure
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

THYROID GLAND :
ALTERATION, COLLOID, minimal.

CAUSE OF DEATH :
SACRIFICE BY DESIGN.

646454 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646454 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :
LIVER, KIDNEYS, SPLEEN

646458 Terminal Sacrifice
Killed on Day : 95
Exposure Group : 90-Day Exposure
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
HYPERTROPHY, CENTRIOLOBULAR, minimal.
FATTY CHANGE, MEDIAN CLEFT, minimal.

THYROID GLAND :
ALTERATION, COLLOID, severe.

CAUSE OF DEATH :
SACRIFICE BY DESIGN.

646458 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646458 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :
KIDNEYS, SPLEEN

646471 Terminal Sacrifice
 Killed on Day : 95
 Exposure Group : 90-Day Exposure
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 HYPERTROPHY, CENTRIOBULAR, minimal.
SPLEEN :
 HEMATOPOIESIS, INCREASED, minimal.
THYROID GLAND :
 ALTERATION, COLLOID, mild.
CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

646471 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : III - 25 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646471 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :
KIDNEYS

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref	Microscopic & Macroscopic Findings
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646327	Terminal Sacrifice Killed on Day : 183 Exposure Group : 3-Month Recovery Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, SPLEEN, THYROID GLAND, PARATHYROID GLANDS,
TESTES

Histopathology :

LIVER :
FATTY CHANGE, MEDIAN CLEFT, minimal.
THYROID GLAND :
ALTERATION, COLLOID, minimal.
CAUSE OF DEATH :
SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
KIDNEYS, SPLEEN

646335	Terminal Sacrifice Killed on Day : 183 Exposure Group : 3-Month Recovery Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, SPLEEN, THYROID GLAND, PARATHYROID GLANDS,
TESTES

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646335 Continued from previous page

Histopathology :

LIVER :

FATTY CHANGE, MEDIAN CLEFT, minimal.
INFLAMMATION, SUBACUTE/CHRONIC, FOCAL, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

SPLEEN :

HEMATOPOIESIS, INCREASED, minimal.

THYROID GLAND :

ALTERATION, COLLOID, minimal.

CAUSE OF DEATH :

SACRIFICE BY DESIGN.

646349 Terminal Sacrifice
Killed on Day : 95
Exposure Group : 90-Day Exposure
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646349 Continued from previous page

Histopathology :

LIVER :
 HYPERTROPHY, CENTRIOBULAR, minimal.
KIDNEYS :
 NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
SPLEEN :
 HEMATOPOIESIS, INCREASED, minimal.
THYROID GLAND :
 ALTERATION, COLLOID, minimal.
 HYPERTROPHY, FOLLICULAR, minimal.
CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

646373 Terminal Sacrifice
 Killed on Day : 95
 Exposure Group : 90-Day Exposure
 Animal is signed off from necropsy

Gross Pathology :

LIVER :
 LARGE.
WHOLE BODY :
 SITUS INVERSUS.

No Macroscopic Abnormality Observed :
 KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA,
 BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM,
 PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE,
 SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL
 GLANDS, SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646373 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT,
STERNUM, NOSE

Histopathology :

LIVER :
 HYPERTROPHY, CENTRIOBULAR, mild.
KIDNEYS :
 NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
SPLEEN :
 HEMATOPOIESIS, INCREASED, minimal.
THYROID GLAND :
 ALTERATION, COLLOID, mild.
 HYPERTROPHY, FOLLICULAR, minimal.
CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

646376 Terminal Sacrifice
 Killed on Day : 183
 Exposure Group : 3-Month Recovery
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, SPLEEN, THYROID GLAND, PARATHYROID GLANDS,
TESTES

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646376 Continued from previous page

Histopathology :

KIDNEYS :
 NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
THYROID GLAND :
 ALTERATION, COLLOID, mild.
CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
 LIVER, SPLEEN .

646385 Terminal Sacrifice
 Killed on Day : 95
 Exposure Group : 90-Day Exposure
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
 LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
 AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
 ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
 NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
 ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
 THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
 PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
 SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
 FEMUR/KNEE JOINT, STERNUM, NOSE

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646385 Continued from previous page

Histopathology :

LIVER :

 HYPERTROPHY, CENTRIOBULAR, mild.
 INFLAMMATION, SUBACUTE/CHRONIC, FOCAL, minimal.

THYROID GLAND :

 ALTERATION, COLLOID, severe.
 HYPERTROPHY, FOLLICULAR, minimal.

CAUSE OF DEATH :

 SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :

 KIDNEYS, SPLEEN

646403 Terminal Sacrifice
 Killed on Day : 183
 Exposure Group : 3-Month Recovery
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

 LIVER, KIDNEYS, SPLEEN, THYROID GLAND, PARATHYROID GLANDS,
 TESTES

Histopathology :

KIDNEYS :

 NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

THYROID GLAND :

 ALTERATION, COLLOID, minimal.

CAUSE OF DEATH :

 SACRIFICE BY DESIGN.

646403 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646403 Continued from previous page

Histopathology :

 No Microscopic Abnormality Observed :
 LIVER, SPLEEN

646435 Terminal Sacrifice
 Killed on Day : 95
 Exposure Group : 90-Day Exposure
 Animal is signed off from necropsy

Gross Pathology :

 No Macroscopic Abnormality Observed :
 LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
 AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
 ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
 NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
 ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
 THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
 PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
 SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
 FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

 LIVER :
 HYPERTROPHY, CENTRIOLOBULAR, minimal.
 KIDNEYS :
 NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
 HYDRONEPHROSIS, UNILATERAL, minimal.
 SPLEEN :
 HEMATOPOIESIS, INCREASED, minimal.
 PIGMENT INCREASED, minimal.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646435 Continued from previous page

Histopathology :

THYROID GLAND :
 ALTERATION, COLLOID, severe.
 HYPERTROPHY, FOLLICULAR, minimal.
CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

646455 Terminal Sacrifice
 Killed on Day : 95
 Exposure Group : 90-Day Exposure
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 HYPERTROPHY, CENTRIOLOBULAR, minimal.
SPLEEN :
 HEMATOPOIESIS, INCREASED, minimal.
 PIGMENT INCREASED, minimal.

646455 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646455 Continued from previous page

Histopathology :

THYROID GLAND :
 ALTERATION, COLLOID, severe.
 HYPERTROPHY, FOLLICULAR, minimal.
CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
 KIDNEYS

646456 Terminal Sacrifice
 Killed on Day : 95
 Exposure Group : 90-Day Exposure
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
 LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
 AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
 ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
 NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
 ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
 THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
 PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
 SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
 FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 HYPERTROPHY, CENTRIOBULAR, minimal.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646456 Continued from previous page

Histopathology :

LIVER :
FATTY CHANGE, MEDIAN CLEFT, minimal.
SPLEEN :
HEMATOPOIESIS, INCREASED, minimal.
PIGMENT INCREASED, minimal.
THYROID GLAND :
ALTERATION, COLLOID, mild.
CAUSE OF DEATH :
SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
KIDNEYS

646463 Terminal Sacrifice
Killed on Day : 95
Exposure Group : 90-Day Exposure
Animal is signed off from necropsy

Gross Pathology :

KIDNEYS :
DILATATION, RIGHT, PELVIS.

No Macroscopic Abnormality Observed :
LIVER, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN,
SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS,
CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY
GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS,
SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,

646463 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646463 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :

PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT,
STERNUM, NOSE

Histopathology :

LIVER :

HYPERTROPHY, CENTRIOBULAR, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

NO MICROSCOPIC EVIDENCE OF MACROSCOPIC FINDING.

SPLEEN :

HEMATOPOIESIS, INCREASED, minimal.

PIGMENT INCREASED, minimal.

THYROID GLAND :

ALTERATION, COLLOID, moderate.

HYPERTROPHY, FOLLICULAR, minimal.

CAUSE OF DEATH :

SACRIFICE BY DESIGN.

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646469 Terminal Sacrifice
 Killed on Day : 95
 Exposure Group : 90-Day Exposure
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 HYPERTROPHY, CENTRIOBULAR, minimal.
THYROID GLAND :
 ALTERATION, COLLOID, moderate.
 HYPERTROPHY, FOLLICULAR, minimal.
CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
KIDNEYS, SPLEEN

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646472 Terminal Sacrifice
 Killed on Day : 95
 Exposure Group : 90-Day Exposure
 Animal is signed off from necropsy

Gross Pathology :

 , No Macroscopic Abnormality Observed :
 LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
 AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
 ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
 NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
 ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
 THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
 PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
 SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMITES,
 FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

 LIVER :
 HYPERTROPHY, CENTRIOBULAR, minimal.
 KIDNEYS :
 PYELONEPHRITIS, BILATERAL, minimal.
 SPLEEN :
 HEMATOPOIESIS, INCREASED, minimal.
 THYROID GLAND :
 ALTERATION, COLLOID, severe.
 HYPERTROPHY, FOLLICULAR, minimal.
 CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646477 Found Dead
 Duration of dosing-days: 51
 Exposure Group : 90-Day Exposure
 Animal is signed off from necropsy

Gross Pathology :

EYE(S) WITH OPTIC NERVE :
HEMORRHAGE, RIGHT, severe.

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, SKIN, PROSTATE, SEMINAL VESICLES, URINARY
BLADDER, TESTES, EPIDIDYIMIDES, FEMUR/KNEE JOINT, STERNUM,
NOSE

Histopathology :

KIDNEYS :
NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
SPLEEN :
HEMATOPOIESIS, INCREASED, minimal.
JEJUNUM :
AUTOLYSIS: NECROPSY AND HISTOLOGY PERFORMED.
ILEUM :
AUTOLYSIS: NECROPSY AND HISTOLOGY PERFORMED.
THYROID GLAND :
AUTOLYSIS: NECROPSY AND HISTOLOGY PERFORMED.
EYE(S) WITH OPTIC NERVE :
HEMORRHAGE/INFLAMMATION (BLEEDING PROCEDURE), severe.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646477 Continued from previous page

Histopathology :

PROSTATE :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

CAUSE OF DEATH :

EYE: HEMORRHAGE/INFLAMMATION (BLEEDING PROCEDURE).

No Microscopic Abnormality Observed :

LIVER, LUNGS, HEART, SKELETAL MUSCLE, AORTA, BRAIN, SPINAL
CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM,
COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS,
MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC
NERVE, PITUITARY GLAND, THYROID GLAND, PARATHYROID GLANDS,
TRACHEA, ESOPHAGUS, PHARYNX/LARYNX, SKIN, SEMINAL VESICLES,
URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT,
STERNUM, BONE MARROW, NOSE I & II, NOSE III & IV

646488

Terminal Sacrifice

Killed on Day : 95

Exposure Group : 90-Day Exposure

Animal is signed off from necropsy

Gross Pathology :

KIDNEYS :

DILATATION, RIGHT.

No Macroscopic Abnormality Observed :

LIVER, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN,
SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS,
CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY
GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS,
SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,

646488 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : V - 100 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646488 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :

PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT,
STERNUM, NOSE

Histopathology :

LIVER :

HYPERTROPHY, CENTRIOBULAR, minimal.

KIDNEYS :

HYDRONEPHROSIS, UNILATERAL, mild.

THYROID GLAND :

ALTERATION, COLLOID, mild.

HYPERTROPHY, FOLLICULAR, minimal.

CAUSE OF DEATH :

SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :

SPLEEN

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref	Microscopic & Macroscopic Findings
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646337	Terminal Sacrifice Killed on Day : 123 Exposure Group : 1-Month Recovery Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMITES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 HYPERTROPHY, CENTRIOLOBULAR, minimal.
KIDNEYS :
 NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
SPLEEN :
 HEMATOPOIESIS, INCREASED, minimal.
THYROID GLAND :
 ALTERATION, COLLOID, minimal.
CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref	Microscopic & Macroscopic Findings
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646343	Terminal Sacrifice Killed on Day : 95 Exposure Group : 90-Day Exposure Animal is signed off from necropsy
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Gross Pathology :

LIVER :
LARGE.

No Macroscopic Abnormality Observed :

KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA,
BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM,
PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE,
SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL
GLANDS, SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,
PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT,
STERNUM, NOSE

Histopathology :

LIVER :
HYPERTROPHY, CENTRIOBULAR, mild.
SPLEEN :
PIGMENT INCREASED, minimal.
HEMATOPOIESIS, INCREASED, minimal.
THYROID GLAND :
ALTERATION, COLLOID, moderate.
HYPERTROPHY, FOLLICULAR, mild.
CAUSE OF DEATH :
SACRIFICE BY DESIGN.

646343 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646343 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :
KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, AORTA, BRAIN,
SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS,
CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY
GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS,
SCIATIC NERVE, PITUITARY GLAND, PARATHYROID GLANDS,
TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT,
STERNUM, BONE MARROW, NOSE I & II, NOSE III & IV

646344 Terminal Sacrifice
Killed on Day : 183
Exposure Group : 3-Month Recovery
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, SPLEEN, THYROID GLAND, PARATHYROID GLANDS,
TESTES

Histopathology :

LIVER :
FATTY CHANGE, MEDIAN CLEFT, minimal.
THYROID GLAND :
ALTERATION, COLLOID, mild.
HYPERTROPHY, FOLLICULAR, minimal.
CAUSE OF DEATH :
SACRIFICE BY DESIGN.

646344 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646344 Continued from previous page

Histopathology :

 No Microscopic Abnormality Observed :
 KIDNEYS, SPLEEN

646346 Terminal Sacrifice
 Killed on Day : 95
 Exposure Group : 90-Day Exposure
 Animal is signed off from necropsy

Gross Pathology :

 LIVER :
 LARGE.
 STOMACH :
 ULCER/EROSION, GLANDULAR, FEW.

 No Macroscopic Abnormality Observed :
 KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA,
 BRAIN, SPINAL CORD, DUODENUM, JEJUNUM, ILEUM, PANCREAS,
 CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY
 GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS,
 SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,
 PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
 EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
 URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT,
 STERNUM, NOSE

Histopathology :

 LIVER :
 HYPERTROPHY, CENTRIOBULAR, mild.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646346 Continued from previous page

Histopathology :

KIDNEYS :
 NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
SPLEEN :
 HEMATOPOIESIS, INCREASED, minimal.
MANDIBULAR LYMPH NODE :
 CONGESTION, minimal.
THYROID GLAND :
 ALTERATION, COLLOID, severe.
 HYPERTROPHY, FOLLICULAR, mild.
EYE(S) WITH OPTIC NERVE :
 HEMORRHAGE/INFLAMMATION (BLEEDING PROCEDURE).
CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
LUNGS, HEART, SKELETAL MUSCLE, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND, PARATHYROID
GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE I & II, NOSE
III & IV

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646347 Terminal Sacrifice
Killed on Day : 95
Exposure Group : 90-Day Exposure
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 HYPERTROPHY, CENTRIOBULAR, mild.
KIDNEYS :
 NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
SPLEEN :
 HEMATOPOIESIS, INCREASED, minimal.
THYROID GLAND :
 ALTERATION, COLLOID, severe.
 HYPERTROPHY, FOLLICULAR, mild.
CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646347 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :

LUNGS, HEART, SKELETAL MUSCLE, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC NERVE,
PITUITARY GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE I & II, NOSE
III & IV

646355

Terminal Sacrifice

Killed on Day : 183

Exposure Group : 3-Month Recovery

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, SPLEEN, THYROID GLAND, PARATHYROID GLANDS,
TESTES

Histopathology :

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

THYROID GLAND :

ALTERATION, COLLOID, severe.

HYPERTROPHY, FOLLICULAR, minimal.

CAUSE OF DEATH :

SACRIFICE BY DESIGN.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646355 Continued from previous page

Histopathology :

 No Microscopic Abnormality Observed :
 LIVER, SPLEEN

646361 Terminal Sacrifice
 Killed on Day : 183
 Exposure Group : 3-Month Recovery
 Animal is signed off from necropsy

Gross Pathology :

 No Macroscopic Abnormality Observed :
 LIVER, KIDNEYS, SPLEEN, THYROID GLAND, PARATHYROID GLANDS,
 TESTES

Histopathology :

 LIVER :
 FATTY CHANGE, CENTRIOLOBULAR, minimal.
 THYROID GLAND :
 ALTERATION, COLLOID, moderate.
 HYPERTROPHY, FOLLICULAR, minimal.
 CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

 No Microscopic Abnormality Observed :
 KIDNEYS, SPLEEN

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646364 Terminal Sacrifice
 Killed on Day : 123
 Exposure Group : 1-Month Recovery
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 HYPERTROPHY, CENTRIOLOBULAR, minimal.
SPLEEN :
 HEMATOPOIESIS, INCREASED, minimal.
 PIGMENT INCREASED, minimal.
THYROID GLAND :
 ALTERATION, COLLOID, minimal.
 HYPERTROPHY, FOLLICULAR, minimal.
CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
KIDNEYS

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646369 Terminal Sacrifice
 Killed on Day : 123
 Exposure Group : 1-Month Recovery
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMITES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

KIDNEYS :
NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
THYROID GLAND :
ALTERATION, COLLOID, moderate.
HYPERTROPHY, FOLLICULAR, minimal.
CAUSE OF DEATH :
SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
LIVER, SPLEEN

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646372 Terminal Sacrifice
 Killed on Day : 123
 Exposure Group : 1-Month Recovery
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 HYPERTROPHY, CENTRIOLOBULAR, minimal.
KIDNEYS :
 NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
THYROID GLAND :
 ALTERATION, COLLOID, severe.
 HYPERTROPHY, FOLLICULAR, minimal.
CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
 SPLEEN

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref	Microscopic & Macroscopic Findings
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646380	Found Dead Duration of dosing-days: 31 Exposure Group : 90-Day Exposure Animal is signed off from necropsy
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Gross Pathology :

KIDNEYS :
DISCOLORATION, TAN, 'LEFT.
URINARY BLADDER :
DILATATION, RED.

No Macroscopic Abnormality Observed :
LIVER, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN,
SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS,
CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY
GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS,
SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,
PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
TESTES, EPIDIDYIMIDES, FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
HYPERTROPHY, CENTRIOLOBULAR, minimal.
KIDNEYS :
PYELONEPHRITIS, BILATERAL, moderate.
HYDRONEPHROSIS, BILATERAL, mild.
SPLEEN :
ATROPHY, LYMPHOID, mild.
PHARYNX/LARYNX :
MISSING.
PROSTATE :
MISSING.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646380 Continued from previous page

Histopathology :

URINARY BLADDER :
INFLAMMATION, SUBACUTE/CHRONIC, moderate.
HEMORRHAGE, moderate.

CAUSE OF DEATH :
KIDNEY: INFLAMMATION/OBSTRUCTION.

No Microscopic Abnormality Observed :
LUNGS, HEART, SKELETAL MUSCLE, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC NERVE,
PITUITARY GLAND, THYROID GLAND, PARATHYROID GLANDS,
TRACHEA, ESOPHAGUS, EYE(S) WITH OPTIC NERVE, SKIN, SEMINAL
VESICLES, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT, STERNUM,
BONE MARROW, NOSE I & II, NOSE III & IV

ORGANS NOT EXAMINED:
PHARYNX/LARYNX, PROSTATE

646384 Terminal Sacrifice
Killed on Day : 123
Exposure Group : 1-Month Recovery
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646384 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :

THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :

HYPERTROPHY, CENTRIOBULAR, minimal.
INFLAMMATION, SUBACUTE/CHRONIC, FOCAL, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

SPLEEN :

HEMATOPOIESIS, INCREASED, minimal.
PIGMENT INCREASED, minimal.

THYROID GLAND :

ALTERATION, COLLOID, moderate.

CAUSE OF DEATH :

SACRIFICE BY DESIGN.

646388 Terminal Sacrifice
Killed on Day : 95
Exposure Group : 90-Day Exposure
Animal is signed off from necropsy

Gross Pathology :

LIVER :

LARGE.

646388 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646388 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :

KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA,
BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM,
PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE,
SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL
GLANDS, SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,
PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
URINARY BLADDER, TESTES, EPIDIDYIMIDES, FEMUR/KNEE JOINT,
STERNUM, NOSE

Histopathology :

LIVER :

HYPERTROPHY, CENTRIOBULAR, mild.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

SPLEEN :

PIGMENT INCREASED, minimal.

HEMATOPOIESIS, INCREASED, minimal.

THYROID GLAND :

ALTERATION, COLLOID, severe.

HYPERTROPHY, FOLLICULAR, mild.

CAUSE OF DEATH :

SACRIFICE BY DESIGN.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646388 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :

LUNGS, HEART, SKELETAL MUSCLE, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC NERVE,
PITUITARY GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE I & II, NOSE
III & IV

646391

Terminal Sacrifice
Killed on Day : 183
Exposure Group : 3-Month Recovery
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, SPLEEN, THYROID GLAND, PARATHYROID GLANDS,
TESTES

Histopathology :

THYROID GLAND :
ALTERATION, COLLOID, mild.

CAUSE OF DEATH :
SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :

LIVER, KIDNEYS, SPLEEN

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646397 Terminal Sacrifice
 Killed on Day : 123
 Exposure Group : 1-Month Recovery
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMITES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 HYPERTROPHY, CENTRIOBULAR, minimal.
KIDNEYS :
 NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
SPLEEN :
 HEMATOPOIESIS, INCREASED, minimal.
 PIGMENT INCREASED, minimal.
THYROID GLAND :
 ALTERATION, COLLOID, mild.
 HYPERTROPHY, FOLLICULAR, minimal.
CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646407 Terminal Sacrifice
 Killed on Day : 95
 Exposure Group : 90-Day Exposure
 Animal is signed off from necropsy

Gross Pathology :

 LIVER :
 LARGE.

 No Macroscopic Abnormality Observed :

 KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA,
 BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM,
 PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE,
 SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL
 GLANDS, SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,
 PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
 EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
 URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT,
 STERNUM, NOSE

Histopathology :

 LIVER :
 HYPERTROPHY, CENTRIOLOBULAR, mild.
 KIDNEYS :
 NEPHROPATHY, CHRONIC PROGRESSIVE, mild.
 SPLEEN :
 PIGMENT INCREASED, minimal.
 HEMATOPOIESIS, INCREASED, minimal.
 THYROID GLAND :
 ALTERATION, COLLOID, minimal.
 HYPERTROPHY, FOLLICULAR, minimal.
 CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

646407 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646407 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :

LUNGS, HEART, SKELETAL MUSCLE, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC NERVE,
PITUITARY GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE I & II, NOSE
III & IV

646413 Terminal Sacrifice
 Killed on Day : 95
 Exposure Group : 90-Day Exposure
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

646413 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646413 Continued from previous page

Histopathology :

LIVER :
 HYPERTROPHY, CENTRIOBULAR, mild.
SPLEEN :
 HEMATOPOIESIS, INCREASED, minimal.
THYROID GLAND :
 ALTERATION, COLLOID, severe.
 HYPERTROPHY, FOLLICULAR, mild.
EYE(S) WITH OPTIC NERVE :
 FOLD/ROSETTE, RETINAL, minimal.
PROSTATE :
 INFLAMMATION, SUBACUTE/CHRONIC, minimal.
CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, AORTA, BRAIN,
SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS,
CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY
GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS,
SCIATIC NERVE, PITUITARY GLAND, PARATHYROID GLANDS,
TRACHEA, ESOPHAGUS, PHARYNX/LARYNX, SKIN, SEMINAL VESICLES,
URINARY BLADDER, TESTES, EPIDIDYIMIDES, FEMUR/KNEE JOINT,
STERNUM, BONE MARROW, NOSE I & II, NOSE III & IV

646422 Unscheduled Sacrifice
 Duration of dosing-days: 28
 Exposure Group : 90-Day Exposure
 Animal is signed off from necropsy

Gross Pathology :

KIDNEYS :
 DILATATION, LEFT, severe.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646422 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN,
SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS,
CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY
GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS,
SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,
PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT,
STERNUM, NOSE

Histopathology :

LIVER :

HYPERTROPHY, CENTRIOLOBULAR, minimal.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

HYDRONEPHROSIS, UNILATERAL, severe.

THYROID GLAND :

ALTERATION, COLLOID, mild.

HYPERTROPHY, FOLLICULAR, minimal.

CAUSE OF DEATH :

KIDNEY: INFLAMMATION/OBSTRUCTION.

No Microscopic Abnormality Observed :

LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL
CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM,
COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS,
MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC
NERVE, PITUITARY GLAND, PARATHYROID GLANDS, TRACHEA,

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646422 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :
ESOPHAGUS, PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN,
PROSTATE, SEMINAL VESICLES, URINARY BLADDER, TESTES,
EPIDIDYIMIDES, FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE
I & II, NOSE III & IV

646428 Terminal Sacrifice
Killed on Day : 123
Exposure Group : 1-Month Recovery
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

KIDNEYS :
NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
SPLEEN :
HEMATOPOIESIS, INCREASED, minimal.
PIGMENT INCREASED, minimal.

646428 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646428 Continued from previous page

Histopathology :

THYROID GLAND :
 ALTERATION, COLLOID, moderate.
 HYPERTROPHY, FOLLICULAR, minimal.
CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
 LIVER

646433 Terminal Sacrifice
 Killed on Day : 95
 Exposure Group : 90-Day Exposure
 Animal is signed off from necropsy

Gross Pathology :

LIVER :
 LARGE.

No Macroscopic Abnormality Observed :
 KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA,
 BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM,
 PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE,
 SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL
 GLANDS, SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,
 PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
 EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
 URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT,
 STERNUM, NOSE

646433 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646433 Continued from previous page

Histopathology :

LIVER :
 HYPERTROPHY, CENTRIOLOBULAR, mild.
SPLEEN :
 PIGMENT INCREASED, minimal.
 HEMATOPOIESIS, INCREASED, minimal.
THYROID GLAND :
 ALTERATION, COLLOID, severe.
 HYPERTROPHY, FOLLICULAR, mild.
EYE(S) WITH OPTIC NERVE :
 FOLD/ROSETTE, RETINAL, minimal.
CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :

KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, AORTA, BRAIN,
SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS,
CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY
GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS,
SCIATIC NERVE, PITUITARY GLAND, PARATHYROID GLANDS,
TRACHEA, ESOPHAGUS, PHARYNX/LARYNX, SKIN, PROSTATE, SEMINAL
VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE
JOINT, STERNUM, BONE MARROW, NOSE I & II, NOSE III & IV

646437 Terminal Sacrifice
 Killed on Day : 95
 Exposure Group : 90-Day Exposure
 Animal is signed off from necropsy

Gross Pathology :

SKIN :
 ALOPECIA, PERINEUM.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646437 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, PROSTATE, SEMINAL
VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE
JOINT, STERNUM, NOSE

Histopathology :

LIVER :

HYPERTROPHY, CENTRIOLOBULAR, mild.

SPLEEN :

HEMATOPOIESIS, INCREASED, minimal.

THYROID GLAND :

ALTERATION, COLLOID, severe.

HYPERTROPHY, FOLLICULAR, mild.

SKIN :

ALOPECIA/HYPOTRICHOSIS, minimal.

CAUSE OF DEATH :

SACRIFICE BY DESIGN.

646437 Continued on the next page

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646437 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :

KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, AORTA, BRAIN,
SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS,
CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY
GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS,
SCIATIC NERVE, PITUITARY GLAND, PARATHYROID GLANDS,
TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, PROSTATE, SEMINAL VESICLES,
URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT,
STERNUM, BONE MARROW, NOSE I & II, NOSE III & IV

646442 Terminal Sacrifice
Killed on Day : 95
Exposure Group : 90-Day Exposure
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646442 Continued from previous page

Histopathology :

LIVER :
 HYPERTROPHY, CENTRIOLOBULAR, mild.
KIDNEYS :
 INFLAMMATION, SUBACUTE/CHRONIC, FOCAL, minimal.
 NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
SPLEEN :
 PIGMENT INCREASED, minimal.
 HEMATOPOIESIS, INCREASED, minimal.
THYROID GLAND :
 ALTERATION, COLLOID, moderate.
 HYPERTROPHY, FOLLICULAR, minimal.
CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
LUNGS, HEART, SKELETAL MUSCLE, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC NERVE,
PITUITARY GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE I & II, NOSE
III & IV

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646448 Terminal Sacrifice
 Killed on Day : 123
 Exposure Group : 1-Month Recovery
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMITES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 HYPERTROPHY, CENTRIOBULAR, minimal.
 FATTY CHANGE, MEDIAN CLEFT, minimal.
KIDNEYS :
 NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
SPLEEN :
 HEMATOPOIESIS, INCREASED, minimal.
 PIGMENT INCREASED, minimal.
THYROID GLAND :
 ALTERATION, COLLOID, severe.
 HYPERTROPHY, FOLLICULAR, minimal.
CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646466 Terminal Sacrifice
 Killed on Day : 183
 Exposure Group : 3-Month Recovery
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, SPLEEN, THYROID GLAND, PARATHYROID GLANDS, ,
TESTES

Histopathology :

KIDNEYS :
NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.
THYROID GLAND :
ALTERATION, COLLOID, severe.
HYPERTROPHY, FOLLICULAR, minimal.
CAUSE OF DEATH :
SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
LIVER, SPLEEN

646474 Terminal Sacrifice
 Killed on Day : 123
 Exposure Group : 1-Month Recovery
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646474 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMITES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 HYPERTROPHY, CENTRIOBULAR, minimal.
SPLEEN :
 HEMATOPOIESIS, INCREASED, minimal.
 PIGMENT INCREASED, minimal.
THYROID GLAND :
 ALTERATION, COLLOID, mild.
 HYPERTROPHY, FOLLICULAR, minimal.
CAUSE OF DEATH :
 SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :
KIDNEYS

646475 Terminal Sacrifice
 Killed on Day : 95
 Exposure Group : 90-Day Exposure
 Animal is signed off from necropsy

Gross Pathology :

STOMACH :
 ULCER/EROSION, GLANDULAR, FEW, minimal.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males *

Animal Ref Microscopic & Macroscopic Findings

646475 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, DUODENUM, JEJUNUM, ILEUM,
PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE,
SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL
GLANDS, SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,
PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT,
STERNUM, NOSE

Histopathology :

LIVER :

HYPERTROPHY, CENTRIOBULAR, mild.

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

SPLEEN :

PIGMENT INCREASED, minimal.

HEMATOPOIESIS, INCREASED, mild.

THYROID GLAND :

ALTERATION, COLLOID, moderate.

HYPERTROPHY, FOLLICULAR, mild.

EYE(S) WITH OPTIC NERVE :

OPTIC NERVE NOT PRESENT.

HEMORRHAGE/INFLAMMATION (BLEEDING PROCEDURE).

CAUSE OF DEATH :

SACRIFICE BY DESIGN.

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

646475 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :

LUNGS, HEART, SKELETAL MUSCLE, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC NERVE,
PITUITARY GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, SKIN, PROSTATE, SEMINAL VESICLES, URINARY
BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT, STERNUM,
BONE MARROW, NOSE I & II, NOSE III & IV

646484

Terminal Sacrifice
Killed on Day : 123
Exposure Group : 1-Month Recovery
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

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INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

Dose Group : VII - 500 mg/kg/day Sex: Males

Animal Ref Microscopic & Macroscopic Findings

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Histopathology :

KIDNEYS :

NEPHROPATHY, CHRONIC PROGRESSIVE, minimal.

SPLEEN :

HEMATOPOIESIS, INCREASED, minimal.

PIGMENT, INCREASED, minimal.

THYROID GLAND :

ALTERATION, COLLOID, severe.

HYPERTROPHY, FOLLICULAR, minimal.

CAUSE OF DEATH :

SACRIFICE BY DESIGN.

No Microscopic Abnormality Observed :

LIVER