

***Study Title***

Naphtha, Petroleum, Heavy Straight-Run:  
Combined Repeated Dose Toxicity Study With the  
Reproduction/Developmental Toxicity Screening Test in Rats (OECD 422)

Volume 3 of 3

**TEST GUIDELINES:** Organisation for Economic Cooperation and Development (OECD), Section 4, (Part 422): Combined Repeated Dose Toxicity Study With the Reproduction/Developmental Toxicity Screening Test, *Guidelines for the Testing of Chemicals* (1996).

U. S. EPA *Health Effects Test Guidelines* OPPTS 870.3650  
Combined Repeated Dose Toxicity Study With the  
Reproduction/Developmental Toxicity Screening Test (2000).

**AUTHOR:** [REDACTED]

**STUDY COMPLETED ON:** September 19, 2008

**PERFORMING LABORATORIES:** E.I. du Pont de Nemours and Company  
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**LABORATORY PROJECT ID:** DuPont-18331

**WORK REQUEST NUMBER:** 16123

**SERVICE CODE NUMBER:** 1422

**SPONSOR:** Petroleum HPV Testing Group  
American Petroleum Institute (API)  
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Washington, D.C. 20005  
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**Appendix SS**  
**Individual Animal Final Body and Organ Weights**

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## INDIVIDUAL ANIMAL FINAL BODY AND ORGAN WEIGHTS

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### EXPLANATORY NOTES

#### COLUMN HEADINGS:

Adren Gl %Brain - Adrenal Glands/Brain  
Adren Gl %FBW - Adrenal Glands/Final Body Weight  
Adrenal Glands - Adrenal Glands Weight  
Bodywt - Final Body Weight  
Brain - Brain Weight  
Brain %FBW - Brain/Final Body Weight  
Epididym - Epididymides Weight  
Epididym %Brain - Epididymides/Brain  
Epididym %FBW - Epididymides/Final Body Weight  
Heart - Heart Weight  
Heart %Brain - Heart/Brain  
Heart %FBW - Heart/Final Body Weight  
Kidney %Brain - Kidney/Brain  
Kidney %FBW - Kidney/Final Body Weight  
Kidneys - Kidneys Weight  
Liver - Liver Weight  
Liver %Brain - Liver/Brain  
Liver %FBW - Liver/Final Body Weight  
Lung %Brain - Lung/Brain  
Lung %FBW - Lung/Final Body Weight  
Lungs - Lungs Weight  
Ovaries - Ovaries Weight  
Ovaries %Brain - Ovaries/Brain  
Ovaries %FBW - Ovaries/Final Body Weight  
Prostate - Prostate Weight  
Prostate %Brain - Prostate/Brain  
Prostate %FBW - Prostate/Final Body Weight  
Spleen - Spleen Weight  
Spleen %Brain - Spleen/Brain  
Spleen %FBW - Spleen/Final Body Weight  
Testes - Testes Weight  
Testes %Brain - Testes/Brain  
Testes %FBW - Testes/Final Body Weight  
Thymus - Thymus Weight  
Thymus %Brain - Thymus/Brain  
Thymus %FBW - Thymus/Final Body Weight  
Thymus %FBW - Thymus/Final Body Weight  
Uterus - Uterus Weight  
Uterus %Brain - Uterus/Brain  
Uterus %FBW - Uterus/Final Body Weight

#### CALCULATED MEASUREMENT FORMULAE:

Organ/Final Body Weight (g) =  $A/B \times 100$

where:

A = Organ (g)

B = Final Body Weight (g)

Organ/Brain (g) =  $A/B \times 100$

where:

A = Organ (g)

B = Brain (g)

Individual Animal Final Body and Organ Weights

Day: 31 relative to Start Date

Group	Animal	Bodywt	Adrenal	Adren Gl	Adren Gl	Brain	Brain	Heart	Heart	Heart
Sex	Number	g	Glands	%FBW	%Brain	g	%FBW	g	%FBW	%Brain
			g							
1m	101	440.8	0.085	0.0193	4.2500	2.000	0.4537	1.546	0.3507	77.3000
	102	410.8	0.068	0.0166	3.3187	2.049	0.4988	1.669	0.4063	81.4544
	103	416.0	0.058	0.0139	2.8642	2.025	0.4868	1.577	0.3791	77.8765
	104	476.1	0.078	0.0164	3.5682	2.186	0.4591	1.625	0.3413	74.3367
	105	356.4	0.059	0.0166	2.8325	2.083	0.5845	1.307	0.3667	62.7460
	106	450.0	0.064	0.0142	3.2737	1.955	0.4344	1.486	0.3302	76.0102
	107	376.1	0.070	0.0186	3.3223	2.107	0.5602	1.531	0.4071	72.6626
	108	433.0	0.053	0.0122	2.5035	2.117	0.4889	1.392	0.3215	65.7534
	109	370.0	0.068	0.0184	3.2182	2.113	0.5711	1.489	0.4024	70.4685
	110	398.8	0.064	0.0160	3.1450	2.035	0.5103	1.459	0.3658	71.6953
	111	341.7	0.063	0.0184	3.2374	1.946	0.5695	1.536	0.4495	78.9311
	112	427.5	0.069	0.0161	3.4226	2.016	0.4716	1.387	0.3244	68.7996
	Mean	408.10	0.0666	0.01639	3.24636	2.0527	0.50741	1.5003	0.37042	73.16952
	S.D.	40.63	0.0087	0.00214	0.43001	0.0711	0.05163	0.1036	0.03976	5.58369
	N	12	12	12	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

Day: 31 relative to Start Date

Group	Animal	Bodywt	Adrenal	Adren Gl	Adren Gl	Brain	Brain	Heart	Heart	Heart
Sex	Number	g	Glands	%FBW	%Brain	g	%FBW	g	%FBW	%Brain
2m	201	381.0	0.071	0.0186	3.3538	2.117	0.5556	1.339	0.3514	63.2499
	202	403.3	0.073	0.0181	3.5385	2.063	0.5115	1.333	0.3305	64.6146
	203	439.5	0.095	0.0216	4.2091	2.257	0.5135	1.699	0.3866	75.2769
	204	393.2	0.053	0.0135	2.5616	2.069	0.5262	1.453	0.3695	70.2272
	205	439.9	0.092	0.0209	4.4019	2.090	0.4751	1.769	0.4021	84.6411
	206	392.9	0.071	0.0181	3.2810	2.164	0.5508	1.345	0.3423	62.1534
	207	359.0	0.062	0.0173	3.2856	1.887	0.5256	1.332	0.3710	70.5882
	208	389.7	0.069	0.0177	3.3528	2.058	0.5281	1.395	0.3580	67.7843
	209	391.1	0.069	0.0176	3.1651	2.180	0.5574	1.466	0.3748	67.2477
	210	391.5	0.075	0.0192	3.5646	2.104	0.5374	1.410	0.3602	67.0152
	211	336.2	0.064	0.0190	3.0418	2.104	0.6258	1.384	0.4117	65.7795
	212	422.2	0.084	0.0199	4.0521	2.073	0.4910	1.496	0.3543	72.1659
	Mean	394.96	0.0732	0.01846	3.48399	2.0972	0.53317	1.4518	0.36770	69.22866
	S.D.	29.87	0.0121	0.00205	0.51903	0.0882	0.03830	0.1434	0.02368	6.14594
	N	12	12	12	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

Day: 31 relative to Start Date

Group	Animal	Bodywt	Adrenal	Adren Gl	Adren Gl	Brain	Brain	Heart	Heart	Heart
Sex	Number	g	Glands	%FBW	%Brain	g	%FBW	g	%FBW	%Brain
3m	301	372.1	0.058	0.0156	2.7527	2.107	0.5662	1.931	0.5189	91.6469
	302	380.5	0.067	0.0176	3.1708	2.113	0.5553	1.537	0.4039	72.7402
	303	393.4	0.082	0.0208	4.1944	1.955	0.4969	1.411	0.3587	72.1739
	304	409.6	0.094	0.0229	4.4444	2.115	0.5164	1.467	0.3582	69.3617
	305	297.1	0.058	0.0195	3.2169	1.803	0.6069	1.180	0.3972	65.4465
	306	385.5	0.070	0.0182	3.4230	2.045	0.5305	1.320	0.3424	64.5477
	307	410.1	0.067	0.0163	3.1799	2.107	0.5138	1.531	0.3733	72.6626
	308	381.2	0.074	0.0194	3.5594	2.079	0.5454	1.698	0.4454	81.6739
	309	445.2	0.084	0.0189	3.9492	2.127	0.4778	1.693	0.3803	79.5957
	310	434.0	0.068	0.0157	3.4326	1.981	0.4565	1.514	0.3488	76.4260
	311	397.7	0.067	0.0168	3.1649	2.117	0.5323	1.449	0.3643	68.4459
	312	309.2	0.054	0.0175	2.8302	1.908	0.6171	1.191	0.3852	62.4214
	Mean	384.63	0.0703	0.01827	3.44320	2.0381	0.53459	1.4935	0.38972	73.09520
	S.D.	43.86	0.0117	0.00217	0.51887	0.1041	0.04778	0.2145	0.04949	8.27548
	N	12	12	12	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

Day: 31 relative to Start Date

Group	Animal	Bodywt	Adrenal	Adren Gl	Adren Gl	Brain	Brain	Heart	Heart	Heart
Sex	Number	g	Glands	%FBW	%Brain	g	%FBW	g	%FBW	%Brain
4m	401	343.0	0.065	0.0190	3.1026	2.095	0.6108	1.213	0.3536	57.8998
	402	393.7	0.066	0.0168	3.2258	2.046	0.5197	1.436	0.3647	70.1857
	403	375.0	0.085	0.0227	4.0689	2.089	0.5571	1.367	0.3645	65.4380
	404	395.3	0.065	0.0164	3.1431	2.068	0.5231	1.473	0.3726	71.2282
	405	331.3	0.057	0.0172	2.8486	2.001	0.6040	1.220	0.3682	60.9695
	406	369.6	0.061	0.0165	2.9655	2.057	0.5565	1.527	0.4131	74.2343
	407	383.1	0.067	0.0175	3.5189	1.904	0.4970	1.423	0.3714	74.7374
	408	429.1	0.073	0.0170	3.3242	2.196	0.5118	1.707	0.3978	77.7322
	409	411.2	0.087	0.0212	4.2029	2.070	0.5034	1.597	0.3884	77.1498
	410	409.0	0.070	0.0171	3.2513	2.153	0.5264	1.456	0.3560	67.6266
	411	381.2	0.069	0.0181	3.8655	1.785	0.4683	1.366	0.3583	76.5266
	412	391.3	0.072	0.0184	3.3302	2.162	0.5525	1.527	0.3902	70.6290
	Mean	384.40	0.0698	0.01816	3.40396	2.0522	0.53588	1.4427	0.37490	70.36309
	S.D.	27.68	0.0088	0.00196	0.42991	0.1139	0.04225	0.1425	0.01849	6.38636
	N	12	12	12	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

Day: 31 relative to Start Date

Group	Sex	Animal Number	Kidneys	Kidney	Kidney	Liver	Liver	Liver	Lungs	Lung	Lung
			g	%FBW	%Brain	g	%FBW	%Brain	g	%FBW	%Brain
1m		101	3.522	0.7990	176.1000	13.539	3.0715	676.9500	1.842	0.4179	92.1000
		102	3.437	0.8367	167.7404	12.661	3.0820	617.9112	1.944	0.4732	94.8755
		103	3.253	0.7820	160.6420	12.193	2.9310	602.1235	1.579	0.3796	77.9753
		104	4.324	0.9082	197.8042	15.213	3.1953	695.9286	1.677	0.3522	76.7155
		105	2.910	0.8165	139.7024	9.793	2.7478	470.1392	1.863	0.5227	89.4383
		106	3.719	0.8264	190.2302	15.511	3.4469	793.4015	1.829	0.4064	93.5550
		107	3.641	0.9681	172.8049	10.503	2.7926	498.4813	1.678	0.4462	79.6393
		108	3.412	0.7880	161.1715	12.267	2.8330	579.4521	1.879	0.4339	88.7577
		109	3.309	0.8943	156.6020	11.712	3.1654	554.2830	1.581	0.4273	74.8225
		110	3.577	0.8969	175.7740	11.822	2.9644	580.9337	1.602	0.4017	78.7224
		111	2.965	0.8677	152.3638	11.359	3.3243	583.7102	1.730	0.5063	88.9003
		112	3.681	0.8611	182.5893	14.431	3.3757	715.8234	1.822	0.4262	90.3770
		Mean	3.4792	0.85374	169.46039	12.5837	3.07749	614.09481	1.7522	0.43280	85.48990
		S.D.	0.3723	0.05616	16.50029	1.7844	0.23196	92.53755	0.1270	0.04916	7.29815
		N	12	12	12	12	12	12	12	12	12



Individual Animal Final Body and Organ Weights

Day: 31 relative to Start Date

Group	Sex	Animal Number	Kidneys	Kidney	Kidney	Liver	Liver	Liver	Lungs	Lung	Lung
			g	%FBW	%Brain	g	%FBW	%Brain	g	%FBW	%Brain
2m		201	3.280	0.8609	154.9362	11.745	3.0827	554.7945	1.544	0.4052	72.9334
		202	3.902	0.9675	189.1420	13.852	3.4347	671.4493	1.704	0.4225	82.5982
		203	4.068	0.9256	180.2393	12.429	2.8280	550.6868	1.791	0.4075	79.3531
		204	3.135	0.7973	151.5225	11.385	2.8955	550.2658	1.819	0.4626	87.9169
		205	3.799	0.8636	181.7703	13.752	3.1262	657.9904	1.857	0.4221	88.8517
		206	3.312	0.8430	153.0499	10.826	2.7554	500.2773	2.008	0.5111	92.7911
		207	3.431	0.9557	181.8230	10.411	2.9000	551.7223	1.541	0.4292	81.6640
		208	3.649	0.9364	177.3081	11.444	2.9366	556.0739	1.570	0.4029	76.2877
		209	3.577	0.9146	164.0826	11.309	2.8916	518.7615	1.714	0.4383	78.6239
		210	3.556	0.9083	169.0114	11.231	2.8687	533.7928	1.884	0.4812	89.5437
		211	2.878	0.8560	136.7871	9.854	2.9310	468.3460	1.745	0.5190	82.9373
		212	4.613	1.0926	222.5277	13.445	3.1845	648.5769	1.814	0.4297	87.5060
		Mean	3.6000	0.91013	171.85001	11.8069	2.98624	563.56146	1.7493	0.44428	83.41725
		S.D.	0.4605	0.07650	22.39280	1.3022	0.18868	63.50657	0.1441	0.04021	6.00084
		N	12	12	12	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

Day: 31 relative to Start Date

Group	Sex	Animal Number	Kidneys	Kidney	Kidney	Liver	Liver	Liver	Lungs	Lung	Lung
			g	%FBW	%Brain	g	%FBW	%Brain	g	%FBW	%Brain
3m		301	3.579	0.9618	169.8624	13.374	3.5942	634.7413	2.248	0.6041	106.6920
		302	3.864	1.0155	182.8680	13.866	3.6442	656.2234	1.759	0.4623	83.2466
		303	3.743	0.9514	191.4578	12.774	3.2471	653.4015	1.605	0.4080	82.0972
		304	4.507	1.1003	213.0969	12.688	3.0977	599.9054	2.019	0.4929	95.4610
		305	2.641	0.8889	146.4781	9.720	3.2716	539.1015	1.451	0.4884	80.4770
		306	3.582	0.9292	175.1589	11.980	3.1077	585.8191	1.867	0.4843	91.2958
		307	4.044	0.9861	191.9317	13.103	3.1951	621.8794	1.942	0.4735	92.1690
		308	3.945	1.0349	189.7547	11.349	2.9772	545.8874	1.804	0.4732	86.7725
		309	4.500	1.0108	211.5656	14.540	3.2659	683.5919	2.288	0.5139	107.5693
		310	4.690	1.0806	236.7491	13.895	3.2016	701.4134	1.853	0.4270	93.5386
		311	3.421	0.8602	161.5966	12.710	3.1959	600.3779	1.772	0.4456	83.7034
		312	2.863	0.9259	150.0524	8.709	2.8166	456.4465	1.473	0.4764	77.2013
		Mean	3.7816	0.97880	185.04768	12.3923	3.21790	606.56573	1.8401	0.47913	90.01864
		S.D.	0.6272	0.07333	26.74628	1.7271	0.22887	68.68842	0.2636	0.04898	9.76379
		N	12	12	12	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

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Day: 31 relative to Start Date

Group	Sex	Animal Number	Kidneys	Kidney	Kidney	Liver	Liver	Liver	Lungs	Lung	Lung
			g	%FBW	%Brain	g	%FBW	%Brain	g	%FBW	%Brain
4m		401	3.259	0.9501	155.5609	14.440	4.2099	689.2601	1.638	0.4776	78.1862
		402	3.667	0.9314	179.2278	13.318	3.3828	650.9286	1.702	0.4323	83.1867
		403	4.048	1.0795	193.7769	14.395	3.8387	689.0857	1.454	0.3877	69.6027
		404	4.658	1.1783	225.2418	15.371	3.8884	743.2785	1.767	0.4470	85.4449
		405	3.417	1.0314	170.7646	13.117	3.9593	655.5222	1.358	0.4099	67.8661
		406	3.889	1.0522	189.0617	15.555	4.2086	756.1983	1.644	0.4448	79.9222
		407	4.251	1.1096	223.2668	13.700	3.5761	719.5378	1.662	0.4338	87.2899
		408	4.955	1.1547	225.6375	20.317	4.7348	925.1821	1.727	0.4025	78.6430
		409	4.271	1.0387	206.3285	15.645	3.8047	755.7971	1.686	0.4100	81.4493
		410	4.756	1.1628	220.9011	16.279	3.9802	756.1078	1.726	0.4220	80.1672
		411	4.314	1.1317	241.6807	14.196	3.7240	795.2941	1.646	0.4318	92.2129
		412	3.965	1.0133	183.3950	15.377	3.9297	711.2396	1.740	0.4447	80.4810
		Mean	4.1208	1.06948	201.23694	15.1425	3.93643	737.28599	1.6458	0.42868	80.37101
		S.D.	0.5215	0.08122	26.50339	1.9083	0.34370	73.56289	0.1211	0.02413	6.76408
		N	12	12	12	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

Day: 31 relative to Start Date

Group	Animal	Bodywt	Spleen	Spleen	Spleen	Thymus	Thymus	Thymus	Epididym
Sex	Number	g	g	%FBW	%Brain	g	%FBW	%Brain	g
1m	101	440.8	0.686	0.1556	34.3000	0.451	0.1023	22.5500	1.246
	102	410.8	0.737	0.1794	35.9688	0.359	0.0874	17.5207	1.026
	103	416.0	0.807	0.1940	39.8519	0.416	0.1000	20.5432	1.190
	104	476.1	0.949	0.1993	43.4126	0.726	0.1525	33.2113	1.299
	105	356.4	0.726	0.2037	34.8536	0.490	0.1375	23.5238	1.182
	106	450.0	0.711	0.1580	36.3683	0.713	0.1584	36.4706	1.292
	107	376.1	0.626	0.1664	29.7105	0.400	0.1064	18.9843	1.238
	108	433.0	0.625	0.1443	29.5229	0.432	0.0998	20.4062	1.271
	109	370.0	0.636	0.1719	30.0994	0.357	0.0965	16.8954	1.184
	110	398.8	0.846	0.2121	41.5725	0.250	0.0627	12.2850	1.189
	111	341.7	0.617	0.1806	31.7061	0.534	0.1563	27.4409	1.203
	112	427.5	0.675	0.1579	33.4821	0.566	0.1324	28.0754	1.295
	Mean	408.10	0.7201	0.17693	35.07073	0.4745	0.11602	23.15890	1.2179
	S.D.	40.63	0.1022	0.02162	4.63112	0.1418	0.03063	7.02187	0.0758
	N	12	12	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

Day: 31 relative to Start Date

Group	Animal Sex	Animal Number	Bodywt g	Spleen g	Spleen %FBW	Spleen %Brain	Thymus g	Thymus %FBW	Thymus %Brain	Epididym g
2m		201	381.0	0.800	0.2100	37.7893	0.491	0.1289	23.1932	1.173
		202	403.3	0.648	0.1607	31.4106	0.356	0.0883	17.2564	1.373
		203	439.5	0.766	0.1743	33.9389	0.428	0.0974	18.9632	1.299
		204	393.2	1.075	0.2734	51.9575	0.535	0.1361	25.8579	1.158
		205	439.9	0.704	0.1600	33.6842	0.733	0.1666	35.0718	1.335
		206	392.9	0.766	0.1950	35.3974	0.508	0.1293	23.4750	1.339
		207	359.0	0.636	0.1772	33.7043	0.316	0.0880	16.7462	1.328
		208	389.7	0.615	0.1578	29.8834	0.389	0.0998	18.9018	1.132
		209	391.1	0.703	0.1797	32.2477	0.430	0.1099	19.7248	1.179
		210	391.5	0.629	0.1607	29.8954	0.467	0.1193	22.1958	1.222
		211	336.2	0.440	0.1309	20.9125	0.319	0.0949	15.1616	1.135
		212	422.2	0.660	0.1563	31.8379	0.444	0.1052	21.4182	1.367
		Mean	394.96	0.7035	0.17800	33.55493	0.4513	0.11364	21.49716	1.2533
		S.D.	29.87	0.1500	0.03625	7.11033	0.1133	0.02338	5.28775	0.0952
		N	12	12	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

Day: 31 relative to Start Date

Group	Animal Sex Number	Bodywt g	Spleen g	Spleen %FBW	Spleen %Brain	Thymus g	Thymus %FBW	Thymus %Brain	Epididym g
3m	301	372.1	0.745	0.2002	35.3583	0.539	0.1449	25.5814	1.108
	302	380.5	0.701	0.1842	33.1756	0.483	0.1269	22.8585	1.187
	303	393.4	0.630	0.1601	32.2251	0.559	0.1421	28.5934	1.275
	304	409.6	0.705	0.1721	33.3333	0.484	0.1182	22.8842	1.343
	305	297.1	0.617	0.2077	34.2207	0.341	0.1148	18.9129	1.283
	306	385.5	0.622	0.1613	30.4156	0.463	0.1201	22.6406	1.045
	307	410.1	0.749	0.1826	35.5482	0.690	0.1683	32.7480	1.131
	308	381.2	0.571	0.1498	27.4651	0.606	0.1590	29.1486	1.155
	309	445.2	0.978	0.2197	45.9803	0.535	0.1202	25.1528	1.201
	310	434.0	0.764	0.1760	38.5664	0.577	0.1329	29.1267	1.187
	311	397.7	0.522	0.1313	24.6575	0.644	0.1619	30.4204	1.247
	312	309.2	0.705	0.2280	36.9497	0.410	0.1326	21.4885	1.136
	Mean	384.63	0.6924	0.18108	33.99132	0.5276	0.13683	25.79633	1.1915
	S.D.	43.86	0.1173	0.02888	5.43122	0.0983	0.01840	4.19231	0.0842
	N	12	12	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

Day: 31 relative to Start Date

Group	Animal	Bodywt	Spleen	Spleen	Spleen	Thymus	Thymus	Thymus	Epididym
Sex	Number	g	g	%FBW	%Brain	g	%FBW	%Brain	g
4m	401	343.0	0.701	0.2044	33.4606	0.360	0.1050	17.1838	1.158
	402	393.7	0.714	0.1814	34.8974	0.436	0.1107	21.3099	1.214
	403	375.0	0.593	0.1581	28.3868	0.358	0.0955	17.1374	1.289
	404	395.3	0.733	0.1854	35.4449	0.482	0.1219	23.3075	1.245
	405	331.3	0.614	0.1853	30.6847	0.348	0.1050	17.3913	1.061
	406	369.6	0.641	0.1734	31.1619	0.388	0.1050	18.8624	1.115
	407	383.1	0.626	0.1634	32.8782	0.395	0.1031	20.7458	1.392
	408	429.1	1.024	0.2386	46.6302	0.458	0.1067	20.8561	1.369
	409	411.2	0.696	0.1693	33.6232	0.506	0.1231	24.4444	1.226
	410	409.0	0.770	0.1883	35.7641	0.386	0.0944	17.9285	1.352
	411	381.2	0.685	0.1797	38.3754	0.346	0.0908	19.3838	1.373
	412	391.3	0.935	0.2389	43.2470	0.542	0.1385	25.0694	1.197
	Mean	384.40	0.7277	0.18885	35.37953	0.4171	0.10831	20.30169	1.2493
	S.D.	27.68	0.1298	0.02629	5.21873	0.0665	0.01364	2.81553	0.1081
	N	12	12	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

Day: 31 relative to Start Date

Group	Animal Sex Number	Epididym %FBW	Epididym %Brain	Prostate g	Prostate %FBW	Prostate %Brain	Testes g	Testes %FBW	Testes %Brain
1m	101	0.2827	62.3000	0.844	0.1915	42.2000	3.418	0.7754	170.9000
	102	0.2498	50.0732	0.391	0.0952	19.0825	3.446	0.8389	168.1796
	103	0.2861	58.7654	0.394	0.0947	19.4568	3.181	0.7647	157.0864
	104	0.2728	59.4236	0.543	0.1141	24.8399	3.506	0.7364	160.3843
	105	0.3316	56.7451	0.656	0.1841	31.4930	3.285	0.9217	157.7052
	106	0.2871	66.0870	0.554	0.1231	28.3376	3.964	0.8809	202.7621
	107	0.3292	58.7565	0.521	0.1385	24.7271	3.511	0.9335	166.6350
	108	0.2935	60.0378	0.638	0.1473	30.1370	3.410	0.7875	161.0770
	109	0.3200	56.0341	0.869	0.2349	41.1264	3.524	0.9524	166.7771
	110	0.2981	58.4275	0.646	0.1620	31.7445	3.289	0.8247	161.6216
	111	0.3521	61.8191	0.586	0.1715	30.1131	3.228	0.9447	165.8787
	112	0.3029	64.2361	0.490	0.1146	24.3056	3.173	0.7422	157.3909
	Mean	0.30049	59.39212	0.5943	0.14763	28.96363	3.4113	0.84192	166.36649
	S.D.	0.02850	4.15498	0.1502	0.04274	7.29273	0.2159	0.08189	12.34702
	N	12	12	12	12	12	12	12	12



Individual Animal Final Body and Organ Weights

Day: 31 relative to Start Date

Group	Animal Sex	Animal Number	Epididym %FBW	Epididym %Brain	Prostate g	Prostate %FBW	Prostate %Brain	Testes g	Testes %FBW	Testes %Brain
2m		201	0.3079	55.4086	0.504	0.1323	23.8073	3.389	0.8895	160.0850
		202	0.3404	66.5536	0.512	0.1270	24.8182	4.073	1.0099	197.4309
		203	0.2956	57.5543	0.667	0.1518	29.5525	3.623	0.8243	160.5228
		204	0.2945	55.9691	0.650	0.1653	31.4161	3.573	0.9087	172.6921
		205	0.3035	63.8756	0.667	0.1516	31.9139	3.342	0.7597	159.9043
		206	0.3408	61.8762	0.664	0.1690	30.6839	3.697	0.9410	170.8410
		207	0.3699	70.3763	0.820	0.2284	43.4552	3.560	0.9916	188.6592
		208	0.2905	55.0049	0.673	0.1727	32.7017	3.344	0.8581	162.4879
		209	0.3015	54.0826	0.709	0.1813	32.5229	3.420	0.8745	156.8807
		210	0.3121	58.0798	0.560	0.1430	26.6160	3.252	0.8307	154.5627
		211	0.3376	53.9449	0.604	0.1797	28.7072	3.352	0.9970	159.3156
		212	0.3238	65.9431	0.988	0.2340	47.6604	3.638	0.8617	175.4945
		Mean	0.31818	59.88908	0.6682	0.16968	31.98794	3.5219	0.89556	168.23973
		S.D.	0.02442	5.62429	0.1330	0.03361	7.03131	0.2248	0.07722	13.39146
		N	12	12	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

Day: 31 relative to Start Date

Group	Animal Sex Number	Epididym %FBW	Epididym %Brain	Prostate g	Prostate %FBW	Prostate %Brain	Testes g	Testes %FBW	Testes %Brain
3m	301	0.2978	52.5866	0.329	0.0884	15.6146	3.484	0.9363	165.3536
	302	0.3120	56.1761	0.626	0.1645	29.6261	3.737	0.9821	176.8575
	303	0.3241	65.2174	1.045	0.2656	53.4527	3.250	0.8261	166.2404
	304	0.3279	63.4988	0.945	0.2307	44.6809	3.766	0.9194	178.0615
	305	0.4318	71.1592	0.673	0.2265	37.3267	3.733	1.2565	207.0438
	306	0.2711	51.1002	0.405	0.1051	19.8044	3.338	0.8659	163.2274
	307	0.2758	53.6782	0.608	0.1483	28.8562	3.348	0.8164	158.8989
	308	0.3030	55.5556	0.764	0.2004	36.7484	3.199	0.8392	153.8721
	309	0.2698	56.4645	0.562	0.1262	26.4222	3.551	0.7976	166.9488
	310	0.2735	59.9192	0.802	0.1848	40.4846	3.139	0.7233	158.4553
	311	0.3136	58.9041	0.679	0.1707	32.0737	3.456	0.8690	163.2499
	312	0.3674	59.5388	0.496	0.1604	25.9958	3.524	1.1397	184.6960
	Mean	0.31398	58.64989	0.6612	0.17263	32.59053	3.4604	0.91429	170.24210
	S.D.	0.04701	5.75675	0.2080	0.05262	10.61581	0.2133	0.15091	14.62443
	N	12	12	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

Day: 31 relative to Start Date

Group	Animal Sex Number	Epididym %FBW	Epididym %Brain	Prostate g	Prostate %FBW	Prostate %Brain	Testes g	Testes %FBW	Testes %Brain
4m	401	0.3376	55.2745	0.646	0.1883	30.8353	3.416	0.9959	163.0549
	402	0.3084	59.3353	0.701	0.1781	34.2620	3.771	0.9578	184.3109
	403	0.3437	61.7042	0.735	0.1960	35.1843	3.567	0.9512	170.7516
	404	0.3150	60.2031	0.693	0.1753	33.5106	3.438	0.8697	166.2476
	405	0.3203	53.0235	0.618	0.1865	30.8846	3.407	1.0284	170.2649
	406	0.3017	54.2052	0.567	0.1534	27.5644	3.698	1.0005	179.7764
	407	0.3634	73.1092	0.412	0.1075	21.6387	3.904	1.0191	205.0420
	408	0.3190	62.3406	0.707	0.1648	32.1949	3.648	0.8502	166.1202
	409	0.2982	59.2271	0.827	0.2011	39.9517	3.496	0.8502	168.8889
	410	0.3306	62.7961	0.760	0.1858	35.2996	3.591	0.8780	166.7905
	411	0.3602	76.9188	0.620	0.1626	34.7339	3.486	0.9145	195.2941
	412	0.3059	55.3654	0.705	0.1802	32.6087	3.401	0.8692	157.3080
	Mean	0.32533	61.12525	0.6659	0.17330	32.38906	3.5686	0.93206	174.48750
	S.D.	0.02197	7.30034	0.1061	0.02492	4.54626	0.1606	0.06817	14.06830
	N	12	12	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

Day: 32 relative to Start Date

Group	Animal	Bodywt	Adrenal	Adren Gl	Adren Gl	Brain	Brain	Heart	Heart	Heart
Sex	Number	g	Glands	%FBW	%Brain	g	%FBW	g	%FBW	%Brain
1f	113	239.9	0.090	0.0375	4.6608	1.931	0.8049	0.897	0.3739	46.4526
	114	280.3	0.066	0.0235	3.4250	1.927	0.6875	1.081	0.3857	56.0976
	115	229.4	0.056	0.0244	2.9489	1.899	0.8278	0.983	0.4285	51.7641
	116	211.7	0.073	0.0345	4.1104	1.776	0.8389	0.902	0.4261	50.7883
	117	267.0	0.072	0.0270	3.8940	1.849	0.6925	1.065	0.3989	57.5987
	118	219.6	0.058	0.0264	3.1200	1.859	0.8465	0.926	0.4217	49.8117
	119	264.9	0.075	0.0283	4.0939	1.832	0.6916	0.982	0.3707	53.6026
	120	265.2	0.084	0.0317	4.7619	1.764	0.6652	1.059	0.3993	60.0340
	121	246.2	0.090	0.0366	4.6012	1.956	0.7945	0.968	0.3932	49.4888
	122	250.2	0.081	0.0324	4.3316	1.870	0.7474	1.105	0.4416	59.0909
	123	274.6	0.077	0.0280	3.9326	1.958	0.7130	1.057	0.3849	53.9837
	124	265.5	0.080	0.0301	4.3011	1.860	0.7006	0.993	0.3740	53.3871
	Mean	251.21	0.0752	0.03003	4.01512	1.8734	0.75087	1.0015	0.39988	53.50834
	S.D.	22.20	0.0110	0.00458	0.58954	0.0640	0.06734	0.0713	0.02410	4.12840
	N	12	12	12	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

Day: 32 relative to Start Date

Group	Animal	Bodywt	Adrenal	Adren G1	Adren G1	Brain	Brain	Heart	Heart	Heart
Sex	Number	g	Glands	%FBW	%Brain	g	%FBW	g	%FBW	%Brain
2f	213	212.9	0.069	0.0324	3.6278	1.902	0.8934	0.787	0.3697	41.3775
	214	250.0	0.089	0.0356	4.5571	1.953	0.7812	1.007	0.4028	51.5617
	215	226.9	0.076	0.0335	3.9460	1.926	0.8488	1.009	0.4447	52.3884
	216	257.2	0.084	0.0327	4.3456	1.933	0.7516	0.941	0.3659	48.6808
	217	247.8	0.086	0.0347	4.4885	1.916	0.7732	0.894	0.3608	46.6597
	218	255.7	0.078	0.0305	4.0541	1.924	0.7524	1.105	0.4321	57.4324
	219	226.1	0.056	0.0248	3.1250	1.792	0.7926	0.925	0.4091	51.6183
	220	279.7	0.056	0.0200	2.9350	1.908	0.6822	1.105	0.3951	57.9140
	221	243.4	0.081	0.0333	4.1411	1.956	0.8036	0.967	0.3973	49.4376
	222	255.7	0.073	0.0285	4.1430	1.762	0.6891	1.035	0.4048	58.7401
	223	271.1	0.083	0.0306	4.3661	1.901	0.7012	1.078	0.3976	56.7070
	224	232.3	0.065	0.0280	3.4704	1.873	0.8063	0.991	0.4266	52.9098
	Mean	246.57	0.0747	0.03038	3.93331	1.8955	0.77297	0.9870	0.40054	52.11894
	S.D.	19.41	0.0112	0.00449	0.53208	0.0602	0.06329	0.0926	0.02611	5.15361
	N	12	12	12	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

Day: 32 relative to Start Date

Group	Animal	Bodywt	Adrenal	Adren Gl	Adren Gl	Brain	Brain	Heart	Heart	Heart
Sex	Number	g	Glands	%FBW	%Brain	g	%FBW	g	%FBW	%Brain
3f	313	242.3	0.074	0.0305	3.8203	1.937	0.7994	0.840	0.3467	43.3660
	314	218.3	0.076	0.0348	3.6822	2.064	0.9455	0.896	0.4104	43.4109
	315	234.4	0.061	0.0260	3.0933	1.972	0.8413	0.956	0.4078	48.4787
	316	233.1	0.089	0.0382	4.4301	2.009	0.8619	0.921	0.3951	45.8437
	317	205.7	0.066	0.0321	3.2657	2.021	0.9825	0.850	0.4132	42.0584
	318	263.4	0.066	0.0251	3.4197	1.930	0.7327	0.984	0.3736	50.9845
	319	233.2	0.071	0.0304	3.9248	1.809	0.7757	1.045	0.4481	57.7667
	320	293.0	0.070	0.0239	3.6726	1.906	0.6505	1.082	0.3693	56.7681
	321	255.0	0.099	0.0388	5.0874	1.946	0.7631	1.169	0.4584	60.0719
	322	249.7	0.066	0.0264	3.5560	1.856	0.7433	1.020	0.4085	54.9569
	323	275.5	0.075	0.0272	4.0672	1.844	0.6693	1.102	0.4000	59.7614
	324	274.4	0.073	0.0266	3.8482	1.897	0.6913	1.054	0.3841	55.5614
	Mean	248.17	0.0738	0.03000	3.82229	1.9326	0.78804	0.9933	0.40127	51.58572
	S.D.	25.40	0.0106	0.00506	0.53575	0.0761	0.10412	0.1035	0.03145	6.73685
	N	12	12	12	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

Day: 32 relative to Start Date

Group	Animal	Bodywt	Adrenal	Adren Gl	Adren Gl	Brain	Brain	Heart	Heart	Heart
Sex	Number	g	Glands	%FBW	%Brain	g	%FBW	g	%FBW	%Brain
4f	413	219.1	0.065	0.0297	3.9180	1.659	0.7572	0.962	0.4391	57.9867
	414	247.5	0.083	0.0335	4.3433	1.911	0.7721	0.970	0.3919	50.7588
	415	223.3	0.084	0.0376	4.7945	1.752	0.7846	1.088	0.4872	62.1005
	416	258.8	0.075	0.0290	4.0475	1.853	0.7160	1.078	0.4165	58.1759
	417	228.7	0.072	0.0315	3.9691	1.814	0.7932	0.950	0.4154	52.3705
	418	255.8	0.074	0.0289	3.9636	1.867	0.7299	1.063	0.4156	56.9363
	419	196.1	0.094	0.0479	5.4335	1.730	0.8822	0.900	0.4589	52.0231
	420	206.6	0.078	0.0378	4.1009	1.902	0.9206	0.854	0.4134	44.9001
	421	215.5	0.094	0.0436	4.8454	1.940	0.9002	0.822	0.3814	42.3711
	422	255.6	0.082	0.0321	4.4110	1.859	0.7273	1.040	0.4069	55.9441
	423	213.8	0.086	0.0402	4.5383	1.895	0.8863	0.779	0.3644	41.1082
	424	233.4	0.093	0.0398	4.7280	1.967	0.8428	0.993	0.4254	50.4830
	Mean	229.52	0.0817	0.03597	4.42443	1.8458	0.80937	0.9583	0.41801	52.09653
	S.D.	20.89	0.0093	0.00616	0.46389	0.0915	0.07368	0.1023	0.03305	6.61643
	N	12	12	12	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

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Day: 32 relative to Start Date

Group	Sex	Animal Number	Kidneys	Kidney	Kidney	Liver	Liver	Liver	Lungs	Lung	Lung
			g	%FBW	%Brain	g	%FBW	%Brain	g	%FBW	%Brain
1f		113	1.962	0.8178	101.6054	7.058	2.9421	365.5101	1.451	0.6048	75.1424
		114	2.362	0.8427	122.5739	8.778	3.1316	455.5267	1.631	0.5819	84.6393
		115	1.865	0.8130	98.2096	7.036	3.0671	370.5108	1.306	0.5693	68.7730
		116	1.616	0.7633	90.9910	6.420	3.0326	361.4865	1.141	0.5390	64.2455
		117	2.148	0.8045	116.1709	8.316	3.1146	449.7566	1.357	0.5082	73.3910
		118	1.793	0.8165	96.4497	6.589	3.0005	354.4379	1.458	0.6639	78.4293
		119	2.036	0.7686	111.1354	7.280	2.7482	397.3799	1.567	0.5915	85.5349
		120	2.236	0.8431	126.7574	8.491	3.2017	481.3492	1.460	0.5505	82.7664
		121	2.265	0.9200	115.7975	8.264	3.3566	422.4949	1.532	0.6223	78.3231
		122	1.787	0.7142	95.5615	7.367	2.9444	393.9572	1.348	0.5388	72.0856
		123	2.357	0.8583	120.3779	8.804	3.2061	449.6425	1.499	0.5459	76.5577
		124	2.269	0.8546	121.9892	8.446	3.1812	454.0860	1.610	0.6064	86.5591
		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
		Mean	2.0580	0.81805	109.80162	7.7374	3.07723	413.01153	1.4467	0.57688	77.20394
		S.D.	0.2514	0.05311	12.52550	0.8664	0.15882	44.41792	0.1403	0.04353	6.94333
		N	12	12	12	12	12	12	12	12	12



Individual Animal Final Body and Organ Weights

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Day: 32 relative to Start Date

Group	Sex	Animal Number	Kidneys	Kidney	Kidney	Liver	Liver	Liver	Lungs	Lung	Lung
			g	%FBW	%Brain	g	%FBW	%Brain	g	%FBW	%Brain
2f		213	1.592	0.7478	83.7014	6.159	2.8929	323.8170	1.226	0.5759	64.4585
		214	2.044	0.8176	104.6595	8.347	3.3388	427.3938	1.427	0.5708	73.0671
		215	2.325	1.0247	120.7165	7.968	3.5117	413.7072	1.431	0.6307	74.2991
		216	2.056	0.7994	106.3632	7.924	3.0809	409.9327	1.377	0.5354	71.2364
		217	1.939	0.7825	101.2004	7.769	3.1352	405.4802	1.483	0.5985	77.4008
		218	2.076	0.8119	107.9002	7.873	3.0790	409.1996	1.830	0.7157	95.1143
		219	1.499	0.6630	83.6496	6.485	2.8682	361.8862	1.142	0.5051	63.7277
		220	2.117	0.7569	110.9539	8.536	3.0518	447.3795	1.382	0.4941	72.4319
		221	2.083	0.8558	106.4928	7.104	2.9187	363.1902	1.414	0.5809	72.2904
		222	2.357	0.9218	133.7684	8.032	3.1412	455.8456	1.559	0.6097	88.4790
		223	2.103	0.7757	110.6260	7.828	2.8875	411.7833	1.604	0.5917	84.3766
		224	1.844	0.7938	98.4517	7.054	3.0366	376.6151	1.391	0.5988	74.2659
		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
		Mean	2.0029	0.81258	105.70697	7.5899	3.07854	400.51920	1.4388	0.58394	75.92898
		S.D.	0.2559	0.09109	13.86668	0.7311	0.19205	37.91032	0.1759	0.05846	9.24737
		N	12	12	12	12	12	12	12	12	12

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Individual Animal Final Body and Organ Weights

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Day: 32 relative to Start Date

Group	Sex	Animal Number	Kidneys	Kidney	Kidney	Liver	Liver	Liver	Lungs	Lung	Lung
			g	%FBW	%Brain	g	%FBW	%Brain	g	%FBW	%Brain
3f		313	1.926	0.7949	99.4321	7.778	3.2101	401.5488	1.276	0.5266	65.8751
		314	1.978	0.9061	95.8333	6.497	2.9762	314.7771	1.156	0.5295	56.0078
		315	1.987	0.8477	100.7606	7.129	3.0414	361.5112	1.229	0.5243	62.3225
		316	1.974	0.8468	98.2578	7.508	3.2209	373.7183	1.395	0.5985	69.4375
		317	1.772	0.8614	87.6794	8.294	4.0321	410.3909	1.370	0.6660	67.7882
		318	2.174	0.8254	112.6425	7.647	2.9032	396.2176	1.530	0.5809	79.2746
		319	2.135	0.9155	118.0210	6.736	2.8885	372.3604	1.354	0.5806	74.8480
		320	2.209	0.7539	115.8972	9.559	3.2625	501.5215	1.399	0.4775	73.3998
		321	2.185	0.8569	112.2816	9.295	3.6451	477.6465	1.531	0.6004	78.6742
		322	2.230	0.8931	120.1509	7.876	3.1542	424.3534	1.296	0.5190	69.8276
		323	2.382	0.8646	129.1757	8.478	3.0773	459.7614	1.480	0.5372	80.2603
		324	2.248	0.8192	118.5029	8.040	2.9300	423.8271	1.717	0.6257	90.5113
		Mean	2.1000	0.84879	109.05292	7.9031	3.19513	409.80285	1.3944	0.56385	72.35224
		S.D.	0.1720	0.04623	12.34878	0.9223	0.33644	52.43036	0.1533	0.05366	9.20914
		N	12	12	12	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

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Day: 32 relative to Start Date

Group Sex	Animal Number	Kidneys	Kidney	Kidney	Liver	Liver	Liver	Lungs	Lung	Lung
		g	%FBW	%Brain	g	%FBW	%Brain	g	%FBW	%Brain
4f	413	2.174	0.9922	131.0428	8.781	4.0078	529.2948	1.382	0.6308	83.3032
	414	2.027	0.8190	106.0701	11.103	4.4861	581.0047	1.408	0.5689	73.6787
	415	2.137	0.9570	121.9749	8.730	3.9095	498.2877	1.524	0.6825	86.9863
	416	2.125	0.8211	114.6789	9.819	3.7940	529.8975	1.495	0.5777	80.6800
	417	2.064	0.9025	113.7817	8.756	3.8286	482.6902	1.347	0.5890	74.2558
	418	2.499	0.9769	133.8511	10.581	4.1364	566.7381	1.433	0.5602	76.7542
	419	2.008	1.0240	116.0694	7.518	3.8338	434.5665	1.148	0.5854	66.3584
	420	1.868	0.9042	98.2124	7.672	3.7135	403.3649	1.190	0.5760	62.5657
	421	2.065	0.9582	106.4433	8.585	3.9838	442.5258	1.295	0.6009	66.7526
	422	2.301	0.9002	123.7762	9.470	3.7050	509.4137	1.632	0.6385	87.7891
	423	2.129	0.9958	112.3483	8.096	3.7867	427.2296	1.116	0.5220	58.8918
	424	2.107	0.9027	107.1174	9.196	3.9400	467.5140	1.393	0.5968	70.8185
	Mean	2.1253	0.92948	115.44721	9.0256	3.92710	489.37729	1.3636	0.59406	74.06953
	S.D.	0.1568	0.06605	10.62881	1.0860	0.21685	56.47115	0.1555	0.04142	9.42768
	N	12	12	12	12	12	12	12	12	12

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Individual Animal Final Body and Organ Weights

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Day: 32 relative to Start Date

Group	Animal	Bodywt	Spleen	Spleen	Spleen	Thymus	Thymus	Thymus
Sex	Number	g	g	%FBW	%Brain	g	%FBW	%Brain
1f	113	239.9	0.518	0.2159	26.8255	0.506	0.2109	26.2040
	114	280.3	0.584	0.2083	30.3062	0.525	0.1873	27.2444
	115	229.4	0.479	0.2088	25.2238	0.517	0.2254	27.2249
	116	211.7	0.548	0.2589	30.8559	0.293	0.1384	16.4977
	117	267.0	0.603	0.2258	32.6122	0.561	0.2101	30.3407
	118	219.6	0.620	0.2823	33.3513	0.298	0.1357	16.0301
	119	264.9	0.602	0.2273	32.8603	0.449	0.1695	24.5087
	120	265.2	0.428	0.1614	24.2630	0.470	0.1772	26.6440
	121	246.2	0.490	0.1990	25.0511	0.417	0.1694	21.3190
	122	250.2	0.450	0.1799	24.0642	0.441	0.1763	23.5829
	123	274.6	0.600	0.2185	30.6435	0.603	0.2196	30.7967
	124	265.5	0.574	0.2162	30.8602	0.398	0.1499	21.3978
	Mean	251.21	0.5413	0.21686	28.90977	0.4565	0.18081	24.31591
	S.D.	22.20	0.0663	0.03183	3.56091	0.0956	0.03072	4.78798
	N	12	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

Day: 32 relative to Start Date

Group	Animal	Bodywt	Spleen	Spleen	Spleen	Thymus	Thymus	Thymus
Sex	Number	g	g	%FBW	%Brain	g	%FBW	%Brain
2f	213	212.9	0.539	0.2532	28.3386	0.374	0.1757	19.6635
	214	250.0	0.551	0.2204	28.2130	0.529	0.2116	27.0865
	215	226.9	0.596	0.2627	30.9450	0.349	0.1538	18.1205
	216	257.2	0.465	0.1808	24.0559	0.341	0.1326	17.6410
	217	247.8	0.538	0.2171	28.0793	0.465	0.1877	24.2693
	218	255.7	0.644	0.2519	33.4719	0.462	0.1807	24.0125
	219	226.1	0.569	0.2517	31.7522	0.419	0.1853	23.3817
	220	279.7	0.635	0.2270	33.2809	0.747	0.2671	39.1509
	221	243.4	0.497	0.2042	25.4090	0.501	0.2058	25.6135
	222	255.7	0.601	0.2350	34.1090	0.399	0.1560	22.6447
	223	271.1	0.563	0.2077	29.6160	0.383	0.1413	20.1473
	224	232.3	0.493	0.2122	26.3214	0.361	0.1554	19.2739
	Mean	246.57	0.5576	0.22699	29.46602	0.4442	0.17942	23.41711
	S.D.	19.41	0.0557	0.02457	3.30256	0.1132	0.03688	5.80661
	N	12	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

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Day: 32 relative to Start Date

Group	Animal	Bodywt	Spleen	Spleen	Spleen	Thymus	Thymus	Thymus
Sex	Number	g	g	%FBW	%Brain	g	%FBW	%Brain
3f	314	218.3	0.403	0.1846	19.5252	0.369	0.1690	17.8779
	315	234.4	0.418	0.1783	21.1968	0.433	0.1847	21.9574
	316	233.1	0.432	0.1853	21.5032	0.792	0.3398	39.4226
	317	205.7	0.591	0.2873	29.2429	0.387	0.1881	19.1489
	318	263.4	0.508	0.1929	26.3212	0.395	0.1500	20.4663
	319	233.2	0.484	0.2075	26.7551	0.405	0.1737	22.3881
	320	293.0	0.490	0.1672	25.7083	0.420	0.1433	22.0357
	321	255.0	0.661	0.2592	33.9671	0.443	0.1737	22.7646
	322	249.7	0.619	0.2479	33.3513	0.523	0.2095	28.1789
	323	275.5	0.550	0.1996	29.8265	0.435	0.1579	23.5900
	324	274.4	0.749	0.2730	39.4834	0.477	0.1738	25.1450
	Mean	248.70	0.5368	0.21662	27.89827	0.4617	0.18759	23.90685
	S.D.	26.57	0.1091	0.04221	6.08944	0.1177	0.05370	5.85114
	N	11	11	11	11	11	11	11

Individual Animal Final Body and Organ Weights

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Day: 32 relative to Start Date

Group	Animal	Bodywt	Spleen	Spleen	Spleen	Thymus	Thymus	Thymus
Sex	Number	g	g	%FBW	%Brain	g	%FBW	%Brain
4f	413	219.1	0.540	0.2465	32.5497	0.370	0.1689	22.3026
	414	247.5	0.690	0.2788	36.1068	0.388	0.1568	20.3035
	415	223.3	0.543	0.2432	30.9932	0.397	0.1778	22.6598
	416	258.8	0.708	0.2736	38.2083	0.379	0.1464	20.4533
	417	228.7	0.450	0.1968	24.8071	0.833	0.3642	45.9206
	418	255.8	0.564	0.2205	30.2089	0.426	0.1665	22.8174
	419	196.1	0.461	0.2351	26.6474	0.291	0.1484	16.8208
	420	206.6	0.403	0.1951	21.1882	0.322	0.1559	16.9295
	421	215.5	0.578	0.2682	29.7938	0.400	0.1856	20.6186
	422	255.6	0.513	0.2007	27.5955	0.454	0.1776	24.4217
	423	213.8	0.481	0.2250	25.3826	0.340	0.1590	17.9420
	424	233.4	0.606	0.2596	30.8083	0.450	0.1928	22.8775
	Mean	229.52	0.5448	0.23693	29.52415	0.4208	0.18333	22.83894
	S.D.	20.89	0.0925	0.02986	4.79711	0.1386	0.05877	7.67380
	N	12	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

Day: 32 relative to Start Date

Group Sex	Animal Number	Ovaries	Ovaries	Ovaries	Uterus	Uterus	Uterus
		g	%FBW	%Brain	g	%FBW	%Brain
1f	113	0.139	0.0579	7.1983	0.577	0.2405	29.8809
	114	0.181	0.0646	9.3928	0.488	0.1741	25.3243
	115	0.125	0.0545	6.5824	0.406	0.1770	21.3797
	116	0.159	0.0751	8.9527	0.578	0.2730	32.5450
	117	0.166	0.0622	8.9778	0.952	0.3566	51.4873
	118	0.119	0.0542	6.4013	0.594	0.2705	31.9527
	119	0.105	0.0396	5.7314	0.364	0.1374	19.8690
	120	0.129	0.0486	7.3129	0.411	0.1550	23.2993
	121	0.116	0.0471	5.9305	0.421	0.1710	21.5235
	122	0.142	0.0568	7.5936	0.390	0.1559	20.8556
	123	0.112	0.0408	5.7201	0.628	0.2287	32.0735
	124	0.190	0.0716	10.2151	0.508	0.1913	27.3118
	Mean	0.1403	0.05608	7.50074	0.5264	0.21092	28.12522
	S.D.	0.0280	0.01114	1.54308	0.1615	0.06457	8.74142
	N	12	12	12	12	12	12



Individual Animal Final Body and Organ Weights

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Day: 32 relative to Start Date

Group Sex	Animal Number	Ovaries	Ovaries	Ovaries	Uterus	Uterus	Uterus
		g	%FBW	%Brain	g	%FBW	%Brain
2f	213	0.126	0.0592	6.6246	0.433	0.2034	22.7655
	214	0.127	0.0508	6.5028	0.630	0.2520	32.2581
	215	0.145	0.0639	7.5286	0.610	0.2688	31.6719
	216	0.161	0.0626	8.3290	0.462	0.1796	23.9007
	217	0.166	0.0670	8.6639	0.511	0.2062	26.6701
	218	0.188	0.0735	9.7713	0.567	0.2217	29.4699
	219	0.102	0.0451	5.6920	0.478	0.2114	26.6741
	220	0.173	0.0619	9.0671	1.142	0.4083	59.8532
	221	0.133	0.0546	6.7996	0.447	0.1836	22.8528
	222	0.115	0.0450	6.5267	0.548	0.2143	31.1010
	223	0.154	0.0568	8.1010	0.974	0.3593	51.2362
	224	0.145	0.0624	7.7416	0.599	0.2579	31.9808
	Mean	0.1446	0.05857	7.61235	0.6168	0.24721	32.53619
	S.D.	0.0252	0.00858	1.22076	0.2191	0.07029	11.44586
	N	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

Day: 32 relative to Start Date

Group Sex	Animal Number	Ovaries	Ovaries	Ovaries	Uterus	Uterus	Uterus
		g	%FBW	%Brain	g	%FBW	%Brain
3f	314	0.119	0.0545	5.7655	0.428	0.1961	20.7364
	315	0.161	0.0687	8.1643	0.460	0.1962	23.3266
	316	0.131	0.0562	6.5207	0.440	0.1888	21.9014
	317	0.121	0.0588	5.9871	0.711	0.3456	35.1806
	318	0.150	0.0569	7.7720	0.465	0.1765	24.0933
	319	0.165	0.0708	9.1211	0.548	0.2350	30.2930
	320	0.151	0.0515	7.9224	0.567	0.1935	29.7482
	321	0.127	0.0498	6.5262	0.502	0.1969	25.7965
	322	0.108	0.0433	5.8190	0.439	0.1758	23.6530
	323	0.157	0.0570	8.5141	0.631	0.2290	34.2191
	324	0.144	0.0525	7.5909	0.593	0.2161	31.2599
Mean		0.1395	0.05636	7.24575	0.5258	0.21359	27.29164
S.D.		0.0191	0.00789	1.16952	0.0923	0.04779	5.04447
N		11	11	11	11	11	11

Individual Animal Final Body and Organ Weights

Day: 32 relative to Start Date

Group Sex	Animal Number	Ovaries	Ovaries	Ovaries	Uterus	Uterus	Uterus
		g	%FBW	%Brain	g	%FBW	%Brain
4f	413	0.109	0.0497	6.5702	0.358	0.1634	21.5793
	414	0.140	0.0566	7.3260	0.469	0.1895	24.5421
	415	0.135	0.0605	7.7055	0.455	0.2038	25.9703
	416	0.134	0.0518	7.2315	0.478	0.1847	25.7960
	417	0.133	0.0582	7.3319	0.569	0.2488	31.3671
	418	0.163	0.0637	8.7306	0.558	0.2181	29.8875
	419	0.138	0.0704	7.9769	0.540	0.2754	31.2139
	420	0.116	0.0561	6.0988	0.552	0.2672	29.0221
	421	0.106	0.0492	5.4639	0.675	0.3132	34.7938
	422	0.125	0.0489	6.7240	0.977	0.3822	52.5551
	423	0.155	0.0725	8.1794	0.828	0.3873	43.6939
	424	0.181	0.0775	9.2018	0.587	0.2515	29.8424
	Mean	0.1363	0.05959	7.37838	0.5872	0.25709	31.68863
	S.D.	0.0219	0.00966	1.07325	0.1701	0.07339	8.65481
	N	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

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Day: 42 relative to Start Date

Group	Animal	Bodywt	Kidneys	Kidney	Liver	Liver	Lungs	Lung	Ovaries	Ovaries	Uterus	Uterus
Sex	Number	g	g	%FBW	g	%FBW	g	%FBW	g	%FBW	g	%FBW
1f	125	344.5	2.757	0.8003	16.326	4.7390	1.592	0.4621	0.149	0.0433	0.805	0.2337
	126	333.0	2.350	0.7057	15.017	4.5096	1.526	0.4583	0.125	0.0375	0.692	0.2078
	127	317.6	2.431	0.7654	14.987	4.7188	1.586	0.4994	0.138	0.0435	0.870	0.2739
	128	332.4	2.497	0.7512	15.276	4.5957	1.739	0.5232	0.158	0.0475	0.762	0.2292
	129	321.0	2.593	0.8078	12.976	4.0424	1.452	0.4523	0.140	0.0436	0.972	0.3028
	130	307.7	2.485	0.8076	13.807	4.4872	1.459	0.4742	0.166	0.0539	0.644	0.2093
	131	283.7	2.317	0.8167	12.816	4.5174	1.497	0.5277	0.147	0.0518	0.676	0.2383
	132	334.1	2.191	0.6558	15.203	4.5504	1.470	0.4400	0.131	0.0392	0.737	0.2206
	133	336.3	2.654	0.7892	14.693	4.3690	1.488	0.4425	0.159	0.0473	0.753	0.2239
	134	286.3	2.174	0.7593	13.142	4.5903	1.471	0.5138	0.115	0.0402	0.781	0.2728
	135	276.3	1.959	0.7090	11.944	4.3228	1.419	0.5136	0.137	0.0496	0.527	0.1907
	136	351.9	2.637	0.7494	16.790	4.7712	1.651	0.4692	0.186	0.0529	0.954	0.2711
	Mean	318.73	2.4204	0.75978	14.4148	4.51782	1.5292	0.48136	0.1459	0.04586	0.7644	0.23951
	S.D.	25.06	0.2329	0.04942	1.4816	0.20296	0.0947	0.03231	0.0194	0.00549	0.1268	0.03349
	N	12	12	12	12	12	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

Day: 42 relative to Start Date

Group	Animal	Bodywt	Kidneys	Kidney	Liver	Liver	Lungs	Lung	Ovaries	Ovaries	Uterus	Uterus
Sex	Number	g	g	%FBW	g	%FBW	g	%FBW	g	%FBW	g	%FBW
2f	225	328.8	2.277	0.6925	14.027	4.2661	1.579	0.4802	0.169	0.0514	0.997	0.3032
	226	271.0	2.065	0.7620	11.872	4.3808	1.345	0.4963	0.131	0.0483	0.760	0.2804
	227	348.9	2.557	0.7329	14.822	4.2482	1.532	0.4391	0.148	0.0424	0.688	0.1972
	228	333.8	2.366	0.7088	14.239	4.2657	1.567	0.4694	0.125	0.0374	0.843	0.2525
	229	328.4	2.307	0.7025	13.917	4.2378	1.442	0.4391	0.144	0.0438	0.838	0.2552
	230	343.5	2.564	0.7464	16.608	4.8349	1.561	0.4544	0.156	0.0454	0.855	0.2489
	231	344.9	2.243	0.6503	12.766	3.7014	1.479	0.4288	0.128	0.0371	0.643	0.1864
	232	336.4	2.534	0.7533	15.032	4.4685	1.480	0.4400	0.160	0.0476	0.754	0.2241
	233	281.1	2.163	0.7695	12.089	4.3006	1.294	0.4603	0.136	0.0484	0.791	0.2814
	234	297.9	2.247	0.7543	13.033	4.3750	1.400	0.4700	0.153	0.0514	0.618	0.2075
	235	309.9	2.463	0.7948	12.788	4.1265	1.467	0.4734	0.152	0.0490	0.773	0.2494
	236	303.4	2.439	0.8039	14.183	4.6747	1.350	0.4450	0.144	0.0475	0.712	0.2347
	Mean	319.00	2.3521	0.73927	13.7813	4.32335	1.4580	0.45800	0.1455	0.04581	0.7727	0.24341
	S.D.	25.91	0.1620	0.04430	1.3542	0.27926	0.0947	0.02034	0.0135	0.00481	0.1039	0.03542
	N	12	12	12	12	12	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

-----

Day: 42 relative to Start Date

Group	Animal	Bodywt	Kidneys	Kidney	Liver	Liver	Lungs	Lung	Ovaries	Ovaries	Uterus	Uterus
Sex	Number	g	g	%FBW	g	%FBW	g	%FBW	g	%FBW	g	%FBW
3f	325	307.4	2.422	0.7879	14.498	4.7163	1.395	0.4538	0.144	0.0468	0.583	0.1897
	326	358.6	2.610	0.7278	15.499	4.3221	1.775	0.4950	0.171	0.0477	0.606	0.1690
	327	332.2	2.370	0.7134	14.712	4.4287	1.572	0.4732	0.147	0.0443	0.694	0.2089
	328	315.0	2.385	0.7571	13.549	4.3013	1.596	0.5067	0.132	0.0419	0.803	0.2549
	329	317.8	2.266	0.7130	13.458	4.2347	1.703	0.5359	0.159	0.0500	0.863	0.2716
	330	333.5	2.331	0.6990	14.938	4.4792	1.399	0.4195	0.149	0.0447	0.874	0.2621
	331	320.8	2.377	0.7410	15.453	4.8170	1.437	0.4479	0.141	0.0440	0.697	0.2173
	332	310.2	2.716	0.8756	14.410	4.6454	1.404	0.4526	0.146	0.0471	0.742	0.2392
	333	322.3	2.617	0.8120	14.204	4.4071	1.421	0.4409	0.146	0.0453	0.971	0.3013
	334	289.8	2.026	0.6991	13.840	4.7757	1.425	0.4917	0.159	0.0549	0.746	0.2574
	335	323.2	2.402	0.7432	15.233	4.7132	1.541	0.4768	0.145	0.0449	0.697	0.2157
	336	302.0	2.610	0.8642	13.605	4.5050	1.563	0.5175	0.126	0.0417	0.629	0.2083
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	Mean	319.40	2.4277	0.76111	14.4499	4.52881	1.5193	0.47596	0.1471	0.04611	0.7421	0.23295
	S.D.	17.46	0.1885	0.06119	0.7369	0.19900	0.1275	0.03454	0.0120	0.00364	0.1172	0.03793
	N	12	12	12	12	12	12	12	12	12	12	12

Individual Animal Final Body and Organ Weights

Day: 42 relative to Start Date

Group	Animal	Bodywt	Kidneys	Kidney	Liver	Liver	Lungs	Lung	Ovaries	Ovaries	Uterus	Uterus
Sex	Number	g	g	%FBW	g	%FBW	g	%FBW	g	%FBW	g	%FBW
4f	425	298.2	2.384	0.7995	13.903	4.6623	1.600	0.5366	0.158	0.0530	0.772	0.2589
	426	301.0	2.286	0.7595	14.340	4.7641	1.655	0.5498	0.159	0.0528	0.699	0.2322
	427	314.1	2.414	0.7685	15.918	5.0678	1.692	0.5387	0.143	0.0455	0.716	0.2280
	428	309.3	2.310	0.7468	15.155	4.8998	1.523	0.4924	0.130	0.0420	0.739	0.2389
	429	304.4	2.240	0.7359	13.433	4.4129	1.321	0.4340	0.149	0.0489	0.858	0.2819
	430	273.0	2.174	0.7963	11.900	4.3590	1.400	0.5128	0.130	0.0476	0.692	0.2535
	431	288.6	1.801	0.6240	12.855	4.4543	1.504	0.5211	0.101	0.0350	0.919	0.3184
	432	319.3	2.460	0.7704	15.345	4.8058	1.574	0.4930	0.143	0.0448	0.641	0.2008
	433	260.6	2.120	0.8135	10.404	3.9923	1.190	0.4566	0.113	0.0434	0.673	0.2583
	434	268.1	2.013	0.7508	13.537	5.0492	1.257	0.4689	0.144	0.0537	0.702	0.2618
	435	296.4	2.496	0.8421	14.414	4.8630	1.554	0.5243	0.156	0.0526	0.878	0.2962
	436	301.2	2.526	0.8386	14.082	4.6753	1.386	0.4602	0.155	0.0515	0.860	0.2855
	Mean	294.52	2.2687	0.77049	13.7738	4.66715	1.4713	0.49903	0.1401	0.04757	0.7624	0.25953
	S.D.	18.50	0.2147	0.05788	1.5285	0.31450	0.1596	0.03742	0.0184	0.00568	0.0928	0.03254
	N	12	12	12	12	12	12	12	12	12	12	12

**Appendix TT**  
**Individual Animal Pathology Data**



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## INDIVIDUAL ANIMAL PATHOLOGY DATA

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### KEY TO APPENDIX

#### LESION GRADING:

Histopathology 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 morphologic characteristics of lesions, they also indicate their relative biologic significance.

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

#### CODES USED:

MPF - Major Pathological Finding

Individual Animal Pathology Data

-----  
 Animal Ref.: 101                      Group: 1                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 0 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 440.8g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.085g                      BRAIN : 2.000g                      EPIDIDYMIDES : 1.246g                      HEART : 1.546g  
 KIDNEYS : 3.522g                      LIVER : 13.539g                      LUNGS : 1.842g                      PROSTATE : 0.844g  
 SPLEEN : 0.686g                      TESTES : 3.418g                      THYMUS : 0.451g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 CECUM;  
     Inflammation, subacute; minimal  
 HEART;  
     Cardiomyopathy; minimal  
 KIDNEYS;  
     Chronic progressive nephropathy; minimal  
 LIVER;  
     Inflammation, subacute; minimal  
 -----

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      COAGULATING GLANDS                      COLON                      DUODENUM                      EPIDIDYMIDES  
 FEMUR                      ILEUM                      JEJUNUM                      LUNGS                      MANDIBULAR LYMPH NODE                      MESENTERIC LYMPH NODE  
 PEYERS PATCH                      PROSTATE                      RECTUM                      SCIATIC NERVE                      SEMINAL VESICLES                      SPINAL CORD                      SPLEEN  
 STOMACH                      TESTES                      THYMUS                      THYROID GLAND                      TRACHEA                      URINARY BLADDER  
 -----

Individual Animal Pathology Data

-----  
 Animal Ref.: 102                    Group: 1                    Sex: Male                    Species: Rat                    Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                    Dose: 0 ppm                    Route: Inhalation                    Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                    Study Day No. (Week): 31 (5)                    Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 410.8g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.068g                    BRAIN : 2.049g                    EPIDIDYMIDES : 1.026g                    HEART : 1.669g  
 KIDNEYS : 3.437g                    LIVER : 12.661g                    LUNGS : 1.944g                    PROSTATE : 0.391g<  
 SPLEEN : 0.737g                    TESTES : 3.446g                    THYMUS : 0.359g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 LIVER;  
 Inflammation, subacute; minimal  
 -----

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                    BONE MARROW                    BRAIN                    CECUM                    COAGULATING GLANDS                    COLON                    DUODENUM  
 EPIDIDYMIDES                    FEMUR                    HEART                    ILEUM                    JEJUNUM                    KIDNEYS                    LUNGS  
 MANDIBULAR LYMPH NODE                    MESENTERIC LYMPH NODE                    PEYERS PATCH                    PROSTATE                    RECTUM  
 SCIATIC NERVE                    SEMINAL VESICLES                    SPINAL CORD                    SPLEEN                    STOMACH                    TESTES                    THYMUS  
 THYROID GLAND                    TRACHEA                    URINARY BLADDER  
 -----

Individual Animal Pathology Data

-----  
 Animal Ref.: 103                      Group: 1                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 0 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 416g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.058g                      BRAIN : 2.025g                      EPIDIDYIMIDES : 1.190g                      HEART : 1.577g  
 KIDNEYS : 3.253g                      LIVER : 12.193g                      LUNGS : 1.579g                      PROSTATE : 0.394g<  
 SPLEEN : 0.807g                      TESTES : 3.181g                      THYMUS : 0.416g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 LIVER;  
 Inflammation, subacute; minimal  
 -----

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      COAGULATING GLANDS                      COLON                      DUODENUM  
 EPIDIDYIMIDES                      FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LUNGS  
 MANDIBULAR LYMPH NODE                      MESENTERIC LYMPH NODE                      PROSTATE                      RECTUM                      SCIATIC NERVE  
 SEMINAL VESICLES                      SPINAL CORD                      SPLEEN                      STOMACH                      TESTES                      THYMUS                      THYROID GLAND  
 TRACHEA                      URINARY BLADDER  
 -----

The following tissues have not been examined:

-----  
 PEYERS PATCH; MISSING  
 -----

Individual Animal Pathology Data

-----  
 Animal Ref.: 104                      Group: 1                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 0 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 476.1g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.078g                      BRAIN : 2.186g                      EPIDIDYMIDES : 1.299g                      HEART : 1.625g  
 KIDNEYS : 4.324g                      LIVER : 15.213g                      LUNGS : 1.677g                      PROSTATE : 0.543g  
 SPLEEN : 0.949g                      TESTES : 3.506g                      THYMUS : 0.726g  
 -----

Gross Pathology Observations:

-----  
 LIVER;  
     DORSAL LOBE  
     Discoloration; tan; right  
 Histo Pathology Observations:  
 -----

HEART;  
     Cardiomyopathy; minimal

KIDNEYS;  
     Chronic progressive nephropathy; minimal  
     Dilatation; tubules; focal; minimal

LIVER;  
     Infarct; lobe; severe

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      COAGULATING GLANDS                      COLON                      DUODENUM  
 EPIDIDYMIDES                      FEMUR                      ILEUM                      JEJUNUM                      LUNGS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      PEYERS PATCH                      PROSTATE                      SCIATIC NERVE                      SEMINAL VESICLES                      SPINAL CORD  
 SPLEEN                      STOMACH                      TESTES                      THYMUS                      THYROID GLAND                      TRACHEA                      URINARY BLADDER  
 -----

The following tissues have not been examined:

-----  
 RECTUM; MISSING  
 -----

Individual Animal Pathology Data

-----  
 Animal Ref.: 105                      Group: 1                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 0 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 356.4g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.059g                      BRAIN : 2.083g                      EPIDIDYMIDES : 1.182g                      HEART : 1.307g  
 KIDNEYS : 2.910g                      LIVER : 9.793g                      LUNGS : 1.863g                      PROSTATE : 0.656g  
 SPLEEN : 0.726g                      TESTES : 3.285g                      THYMUS : 0.490g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 LIVER;  
 Inflammation, subacute; minimal  
 -----

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      COAGULATING GLANDS                      COLON                      DUODENUM  
 EPIDIDYMIDES                      FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LUNGS  
 MANDIBULAR LYMPH NODE                      MESENTERIC LYMPH NODE                      PEYERS PATCH                      PROSTATE                      RECTUM  
 SCIATIC NERVE                      SEMINAL VESICLES                      SPINAL CORD                      SPLEEN                      STOMACH                      TESTES                      THYMUS  
 THYROID GLAND                      TRACHEA                      URINARY BLADDER  
 -----

Individual Animal Pathology Data

-----  
 Animal Ref.: 106                      Group: 1                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 0 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 450g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.064g                      BRAIN : 1.955g                      EPIDIDYIMIDES : 1.292g                      HEART : 1.486g  
 KIDNEYS : 3.719g                      LIVER : 15.511g                      LUNGS : 1.829g                      PROSTATE : 0.554g  
 SPLEEN : 0.711g                      TESTES : 3.964g                      THYMUS : 0.713g  
 -----

Gross Pathology Observations:

-----  
 LIVER;  
     5MM DIA.  
     Discoloration; dark; left  
 Histo Pathology Observations:

-----  
 CECUM;  
     Inflammation, subacute; minimal

HEART;  
     Cardiomyopathy; minimal

KIDNEYS;  
     Chronic progressive nephropathy; minimal

LIVER;  
     Inflammation, subacute; minimal

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      COAGULATING GLANDS                      COLON                      DUODENUM                      EPIDIDYIMIDES  
 FEMUR                      ILEUM                      JEJUNUM                      LUNGS                      MANDIBULAR LYMPH NODE                      MESENTERIC LYMPH NODE  
 PEYERS PATCH                      PROSTATE                      RECTUM                      SCIATIC NERVE                      SEMINAL VESICLES                      SPINAL CORD                      SPLEEN  
 STOMACH                      TESTES                      THYMUS                      THYROID GLAND                      TRACHEA                      URINARY BLADDER  
 -----

Individual Animal Pathology Data

-----  
 Animal Ref.: 107                      Group: 1                      Sex: Male                      Species: Rat                      Strain: Cr1:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 0 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 376.1g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.070g                      BRAIN : 2.107g                      EPIDIDYMIDES : 1.238g                      HEART : 1.531g  
 KIDNEYS : 3.641g                      LIVER : 10.503g                      LUNGS : 1.678g                      PROSTATE : 0.521g  
 SPLEEN : 0.626g                      TESTES : 3.511g                      THYMUS : 0.400g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 LIVER;  
     Inflammation, subacute; minimal  
 LUNGS;  
     Inflammation; perivascular/peribronchiolar; minimal  
 PROSTATE;  
     Inflammation, subacute; minimal  
 -----

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      COAGULATING GLANDS                      COLON                      DUODENUM  
 EPIDIDYMIDES                      FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      RECTUM                      SEMINAL VESICLES                      SPINAL CORD                      SPLEEN                      STOMACH  
 TESTES  
 THYMUS                      THYROID GLAND                      TRACHEA                      URINARY BLADDER  
 -----

The following tissues have not been examined:

-----  
 PEYERS PATCH; MISSING  
 SCIATIC NERVE; MISSING  
 -----



Individual Animal Pathology Data

-----  
 Animal Ref.: 108                      Group: 1                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 0 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 433g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.053g                      BRAIN : 2.117g                      EPIDIDYMIDES : 1.271g                      HEART : 1.392g  
 KIDNEYS : 3.412g                      LIVER : 12.267g                      LUNGS : 1.879g                      PROSTATE : 0.638g  
 SPLEEN : 0.625g                      TESTES : 3.410g                      THYMUS : 0.432g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;  
     Chronic progressive nephropathy; minimal  
     Hydronephrosis; unilateral; minimal  
 LIVER;  
     Inflammation, subacute; minimal  
 THYROID GLAND;  
     Ectopic thymus tissue; present

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      COAGULATING GLANDS                      COLON                      DUODENUM  
 EPIDIDYMIDES                      FEMUR                      HEART                      ILEUM                      JEJUNUM                      LUNGS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      PEYERS PATCH                      PROSTATE                      RECTUM                      SCIATIC NERVE                      SEMINAL VESICLES  
 SPINAL CORD                      SPLEEN                      STOMACH                      TESTES                      THYMUS                      TRACHEA                      URINARY BLADDER  
 -----

Individual Animal Pathology Data

-----  
 Animal Ref.: 109                      Group: 1                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 0 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 370g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.068g                      BRAIN : 2.113g                      EPIDIDYMIDES : 1.184g                      HEART : 1.489g  
 KIDNEYS : 3.309g                      LIVER : 11.712g                      LUNGS : 1.581g                      PROSTATE : 0.869g  
 SPLEEN : 0.636g                      TESTES : 3.524g                      THYMUS : 0.357g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;  
     Chronic progressive nephropathy; minimal

LUNGS;  
     Inflammation, subacute; minimal

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      COAGULATING GLANDS                      COLON                      DUODENUM  
 EPIDIDYMIDES                      FEMUR                      HEART                      ILEUM                      JEJUNUM                      LIVER                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      PEYERS PATCH                      PROSTATE                      RECTUM                      SCIATIC NERVE                      SEMINAL VESICLES  
 SPINAL CORD                      SPLEEN                      STOMACH                      TESTES                      THYMUS                      THYROID GLAND                      TRACHEA  
 URINARY BLADDER

Individual Animal Pathology Data

-----  
Animal Ref.: 110                      Group: 1                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 0 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/08/06  
-----

Terminal Body Weight: 398.8g

Organ Weights:

-----  
ADRENAL GLANDS : 0.064g                      BRAIN : 2.035g                      EPIDIDYMIDES : 1.189g                      HEART : 1.459g  
KIDNEYS : 3.577g                      LIVER : 11.822g                      LUNGS : 1.602g                      PROSTATE : 0.646g  
SPLEEN : 0.846g                      TESTES : 3.289g                      THYMUS : 0.250g  
-----

Gross Pathology Observations: None  
-----

Histo Pathology Observations:

-----  
HEART;

Cardiomyopathy; minimal

KIDNEYS;

Chronic progressive nephropathy; minimal

The following tissues were within normal limits:  
-----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	COAGULATING GLANDS	COLON	DUODENUM
EPIDIDYMIDES	FEMUR	ILEUM	JEJUNUM	LIVER	LUNGS	MANDIBULAR LYMPH NODE
MESENTERIC LYMPH NODE		PEYERS PATCH	PROSTATE	RECTUM	SCIATIC NERVE	SEMINAL VESICLES
SPINAL CORD	SPLEEN	STOMACH	TESTES	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER						

Individual Animal Pathology Data

-----  
Animal Ref.: 111                      Group: 1                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 0 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/08/06  
-----

Terminal Body Weight: 341.7g

Organ Weights:

-----  
ADRENAL GLANDS                      :    0.063g                      BRAIN                      :    1.946g                      EPIDIDYMIDES                      :    1.203g                      HEART                      :    1.536g  
KIDNEYS                      :    2.965g                      LIVER                      :    11.359g                      LUNGS                      :    1.730g                      PROSTATE                      :    0.586g  
SPLEEN                      :    0.617g                      TESTES                      :    3.228g                      THYMUS                      :    0.534g  
-----

Gross Pathology Observations:

-----  
KIDNEYS;  
  PELVIS  
  Dilatation; bilateral  
Histo Pathology Observations:  
-----  
KIDNEYS;  
  Hydronephrosis; bilateral; mild

LIVER;  
  Inflammation, subacute; minimal

The following tissues were within normal limits:

-----  
ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      COAGULATING GLANDS                      COLON                      DUODENUM  
EPIDIDYMIDES                      FEMUR                      HEART                      ILEUM                      JEJUNUM                      LUNGS                      MANDIBULAR LYMPH NODE  
MESENTERIC LYMPH NODE                      PEYERS PATCH                      PROSTATE                      RECTUM                      SCIATIC NERVE                      SEMINAL VESICLES  
SPINAL CORD                      SPLEEN                      STOMACH                      TESTES                      THYMUS                      THYROID GLAND                      TRACHEA  
URINARY BLADDER

Individual Animal Pathology Data

-----  
 Animal Ref.: 112                      Group: 1                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 0 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 427.5g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.069g                      BRAIN : 2.016g                      EPIDIDYMIDES : 1.295g                      HEART : 1.387g  
 KIDNEYS : 3.681g                      LIVER : 14.431g                      LUNGS : 1.822g                      PROSTATE : 0.490g  
 SPLEEN : 0.675g                      TESTES : 3.173g                      THYMUS : 0.566g

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;  
     Chronic progressive nephropathy; minimal  
     Hyaline droplets; increased; minimal  
 LIVER;  
     Fatty change; median cleft; minimal  
     Inflammation, subacute; minimal  
 LUNGS;  
     Inflammation, subacute; minimal

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      COAGULATING GLANDS                      COLON                      DUODENUM  
 EPIDIDYMIDES                      FEMUR                      HEART                      ILEUM                      JEJUNUM                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      PEYERS PATCH                      PROSTATE                      RECTUM                      SCIATIC NERVE                      SEMINAL VESICLES  
 SPINAL CORD                      SPLEEN                      STOMACH                      TESTES                      THYMUS                      THYROID GLAND                      TRACHEA  
 URINARY BLADDER

Individual Animal Pathology Data

-----  
 Animal Ref.: 201                      Group: 2                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 381g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.071g                      BRAIN : 2.117g                      EPIDIDYMIDES : 1.173g                      HEART : 1.339g  
 KIDNEYS : 3.280g                      LIVER : 11.745g                      LUNGS : 1.544g                      PROSTATE : 0.504g  
 SPLEEN : 0.800g                      TESTES : 3.389g                      THYMUS : 0.491g

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;  
 Chronic progressive nephropathy; minimal  
 Hyaline droplets; increased; minimal

No observations recorded for the following protocol required tissues:  
 -----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	COAGULATING GLANDS	COLON	DUODENUM
EPIDIDYMIDES	FEMUR	HEART	ILEUM	JEJUNUM	LIVER	LUNGS
MANDIBULAR LYMPH NODE		MESENTERIC LYMPH NODE		PEYERS PATCH	PROSTATE	RECTUM
SCIATIC NERVE	SEMINAL VESICLES	SPINAL CORD	SPLEEN	STOMACH	TESTES	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER				

Individual Animal Pathology Data

-----  
 Animal Ref.: 202                      Group: 2                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 403.3g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.073g                      BRAIN : 2.063g                      EPIDIDYMIDES : 1.373g                      HEART : 1.333g  
 KIDNEYS : 3.902g                      LIVER : 13.852g                      LUNGS : 1.704g                      PROSTATE : 0.512g  
 SPLEEN : 0.648g                      TESTES : 4.073g                      THYMUS : 0.356g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;  
 Casts; tubules; minimal  
 Chronic progressive nephropathy; minimal  
 Hyaline droplets; increased; minimal  
 -----

No observations recorded for the following protocol required tissues:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      COAGULATING GLANDS                      COLON                      DUODENUM  
 EPIDIDYMIDES                      FEMUR                      HEART                      ILEUM                      JEJUNUM                      LIVER                      LUNGS  
 MANDIBULAR LYMPH NODE                      MESENTERIC LYMPH NODE                      PEYERS PATCH                      PROSTATE                      RECTUM  
 SCIATIC NERVE                      SEMINAL VESICLES                      SPINAL CORD                      SPLEEN                      STOMACH                      TESTES                      THYMUS  
 THYROID GLAND                      TRACHEA                      URINARY BLADDER  
 -----

Individual Animal Pathology Data

-----  
 Animal Ref.: 203                      Group: 2                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 439.5g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.095g                      BRAIN : 2.257g                      EPIDIDYMIDES : 1.299g                      HEART : 1.699g  
 KIDNEYS : 4.068g                      LIVER : 12.429g                      LUNGS : 1.791g                      PROSTATE : 0.667g  
 SPLEEN : 0.766g                      TESTES : 3.623g                      THYMUS : 0.428g

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;

Casts; tubules; minimal  
 Chronic progressive nephropathy; mild  
 Hyaline droplets; increased; minimal

No observations recorded for the following protocol required tissues:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      COAGULATING GLANDS                      COLON                      DUODENUM  
 EPIDIDYMIDES                      FEMUR                      HEART                      ILEUM                      JEJUNUM                      LIVER                      LUNGS  
 MANDIBULAR LYMPH NODE                      MESENTERIC LYMPH NODE                      PEYERS PATCH                      PROSTATE                      RECTUM  
 SCIATIC NERVE                      SEMINAL VESICLES                      SPINAL CORD                      SPLEEN                      STOMACH                      TESTES                      THYMUS  
 THYROID GLAND                      TRACHEA                      URINARY BLADDER



Individual Animal Pathology Data

-----  
 Animal Ref.: 204                      Group: 2                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 393.2g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.053g                      BRAIN : 2.069g                      EPIDIDYMITES : 1.158g                      HEART : 1.453g  
 KIDNEYS : 3.135g                      LIVER : 11.385g                      LUNGS : 1.819g                      PROSTATE : 0.650g  
 SPLEEN : 1.075g                      TESTES : 3.573g                      THYMUS : 0.535g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;  
 Chronic progressive nephropathy; minimal  
 Hyaline droplets; increased; minimal

No observations recorded for the following protocol required tissues:  
 -----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	COAGULATING GLANDS	COLON	DUODENUM
EPIDIDYMITES	FEMUR	HEART	ILEUM	JEJUNUM	LIVER	LUNGS
MANDIBULAR LYMPH NODE		MESENTERIC LYMPH NODE		PEYERS PATCH	PROSTATE	RECTUM
SCIATIC NERVE	SEMINAL VESICLES	SPINAL CORD	SPLEEN	STOMACH	TESTES	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER				

Individual Animal Pathology Data

-----  
 Animal Ref.: 205                      Group: 2                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 439.9g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.092g                      BRAIN : 2.090g                      EPIDIDYIMIDES : 1.335g                      HEART : 1.769g  
 KIDNEYS : 3.799g                      LIVER : 13.752g                      LUNGS : 1.857g                      PROSTATE : 0.667g  
 SPLEEN : 0.704g                      TESTES : 3.342g                      THYMUS : 0.733g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;  
 Chronic progressive nephropathy; minimal  
 Hyaline droplets; increased; minimal

No observations recorded for the following protocol required tissues:  
 -----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	COAGULATING GLANDS	COLON	DUODENUM
EPIDIDYIMIDES	FEMUR	HEART	ILEUM	JEJUNUM	LIVER	LUNGS
MANDIBULAR LYMPH NODE		MESENTERIC LYMPH NODE		PEYERS PATCH	PROSTATE	RECTUM
SCIATIC NERVE	SEMINAL VESICLES	SPINAL CORD	SPLEEN	STOMACH	TESTES	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER				

Individual Animal Pathology Data

-----  
 Animal Ref.: 206                      Group: 2                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 392.9g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.071g                      BRAIN : 2.164g                      EPIDIDYMIDES : 1.339g                      HEART : 1.345g  
 KIDNEYS : 3.312g                      LIVER : 10.826g                      LUNGS : 2.008g                      PROSTATE : 0.664g  
 SPLEEN : 0.766g                      TESTES : 3.697g                      THYMUS : 0.508g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;  
 Chronic progressive nephropathy; minimal  
 Hyaline droplets; increased; minimal

No observations recorded for the following protocol required tissues:  
 -----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	COAGULATING GLANDS	COLON	DUODENUM
EPIDIDYMIDES	FEMUR	HEART	ILEUM	JEJUNUM	LIVER	LUNGS
MANDIBULAR LYMPH NODE		MESENTERIC LYMPH NODE		PEYERS PATCH	PROSTATE	RECTUM
SCIATIC NERVE	SEMINAL VESICLES	SPINAL CORD	SPLEEN	STOMACH	TESTES	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER				

Individual Animal Pathology Data

-----  
 Animal Ref.: 207                      Group: 2                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 359g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.062g                      BRAIN : 1.887g                      EPIDIDYMIDES : 1.328g                      HEART : 1.332g  
 KIDNEYS : 3.431g                      LIVER : 10.411g                      LUNGS : 1.541g                      PROSTATE : 0.820g  
 SPLEEN : 0.636g                      TESTES : 3.560g                      THYMUS : 0.316g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;  
 Chronic progressive nephropathy; minimal  
 Hyaline droplets; increased; minimal

No observations recorded for the following protocol required tissues:  
 -----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	COAGULATING GLANDS	COLON	DUODENUM
EPIDIDYMIDES	FEMUR	HEART	ILEUM	JEJUNUM	LIVER	LUNGS
MANDIBULAR LYMPH NODE		MESENTERIC LYMPH NODE		PEYERS PATCH	PROSTATE	RECTUM
SCIATIC NERVE	SEMINAL VESICLES	SPINAL CORD	SPLEEN	STOMACH	TESTES	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER				

Individual Animal Pathology Data

-----  
 Animal Ref.: 208                      Group: 2                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 389.7g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.069g                      BRAIN : 2.058g                      EPIDIDYIMIDES : 1.132g                      HEART : 1.395g  
 KIDNEYS : 3.649g                      LIVER : 11.444g                      LUNGS : 1.570g                      PROSTATE : 0.673g  
 SPLEEN : 0.615g                      TESTES : 3.344g                      THYMUS : 0.389g

Gross Pathology Observations: None

Histo Pathology Observations: None

The following tissues were within normal limits:

-----  
 KIDNEYS

No observations recorded for the following protocol required tissues:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      COAGULATING GLANDS                      COLON                      DUODENUM  
 EPIDIDYIMIDES                      FEMUR                      HEART                      ILEUM                      JEJUNUM                      LIVER                      LUNGS  
 MANDIBULAR LYMPH NODE                      MESENTERIC LYMPH NODE                      PEYERS PATCH                      PROSTATE                      RECTUM  
 SCIATIC NERVE                      SEMINAL VESICLES                      SPINAL CORD                      SPLEEN                      STOMACH                      TESTES                      THYMUS  
 THYROID GLAND                      TRACHEA                      URINARY BLADDER

Individual Animal Pathology Data

-----  
Animal Ref.: 209                      Group: 2                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/08/06  
-----

Terminal Body Weight: 391.1g

Organ Weights:

-----  
ADRENAL GLANDS                      :    0.069g                      BRAIN                      :    2.180g                      EPIDIDYMIDES                      :    1.179g                      HEART                      :    1.466g  
KIDNEYS                      :    3.577g                      LIVER                      :    11.309g                      LUNGS                      :    1.714g                      PROSTATE                      :    0.709g  
SPLEEN                      :    0.703g                      TESTES                      :    3.420g                      THYMUS                      :    0.430g

Gross Pathology Observations:                      None

Histo Pathology Observations:                      None

-----  
The following tissues were within normal limits:

-----  
KIDNEYS

No observations recorded for the following protocol required tissues:

-----  
ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      COAGULATING GLANDS                      COLON                      DUODENUM  
EPIDIDYMIDES                      FEMUR                      HEART                      ILEUM                      JEJUNUM                      LIVER                      LUNGS  
MANDIBULAR LYMPH NODE                      MESENTERIC LYMPH NODE                      PEYERS PATCH                      PROSTATE                      RECTUM  
SCIATIC NERVE                      SEMINAL VESICLES                      SPINAL CORD                      SPLEEN                      STOMACH                      TESTES                      THYMUS  
THYROID GLAND                      TRACHEA                      URINARY BLADDER

Individual Animal Pathology Data

-----  
 Animal Ref.: 210                      Group: 2                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 391.5g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.075g                      BRAIN : 2.104g                      EPIDIDYMIDES : 1.222g                      HEART : 1.410g  
 KIDNEYS : 3.556g                      LIVER : 11.231g                      LUNGS : 1.884g                      PROSTATE : 0.560g  
 SPLEEN : 0.629g                      TESTES : 3.252g                      THYMUS : 0.467g

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;  
 Chronic progressive nephropathy; minimal  
 Hyaline droplets; increased; minimal

No observations recorded for the following protocol required tissues:  
 -----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	COAGULATING GLANDS	COLON	DUODENUM
EPIDIDYMIDES	FEMUR	HEART	ILEUM	JEJUNUM	LIVER	LUNGS
MANDIBULAR LYMPH NODE		MESENTERIC LYMPH NODE		PEYERS PATCH	PROSTATE	RECTUM
SCIATIC NERVE	SEMINAL VESICLES	SPINAL CORD	SPLEEN	STOMACH	TESTES	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER				

Individual Animal Pathology Data

-----  
 Animal Ref.: 211                      Group: 2                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 336.2g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.064g                      BRAIN : 2.104g                      EPIDIDYMIDES : 1.135g                      HEART : 1.384g  
 KIDNEYS : 2.878g                      LIVER : 9.854g                      LUNGS : 1.745g                      PROSTATE : 0.604g  
 SPLEEN : 0.440g                      TESTES : 3.352g                      THYMUS : 0.319g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;  
 Chronic progressive nephropathy; minimal  
 Hyaline droplets; increased; minimal

No observations recorded for the following protocol required tissues:  
 -----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	COAGULATING GLANDS	COLON	DUODENUM
EPIDIDYMIDES	FEMUR	HEART	ILEUM	JEJUNUM	LIVER	LUNGS
MANDIBULAR LYMPH NODE		MESENTERIC LYMPH NODE		PEYERS PATCH	PROSTATE	RECTUM
SCIATIC NERVE	SEMINAL VESICLES	SPINAL CORD	SPLEEN	STOMACH	TESTES	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER				



Individual Animal Pathology Data

-----  
 Animal Ref.: 212                      Group: 2                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 422.2g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.084g                      BRAIN : 2.073g                      EPIDIDYMIDES : 1.367g                      HEART : 1.496g  
 KIDNEYS : 4.613g                      LIVER : 13.445g                      LUNGS : 1.814g                      PROSTATE : 0.988g  
 SPLEEN : 0.660g                      TESTES : 3.638g                      THYMUS : 0.444g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;  
     Casts; tubules; mild  
     Chronic progressive nephropathy; minimal  
     Hyaline droplets; increased; minimal  
 -----

No observations recorded for the following protocol required tissues:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      COAGULATING GLANDS                      COLON                      DUODENUM  
 EPIDIDYMIDES                      FEMUR                      HEART                      ILEUM                      JEJUNUM                      LIVER                      LUNGS  
 MANDIBULAR LYMPH NODE                      MESENTERIC LYMPH NODE                      PEYERS PATCH                      PROSTATE                      RECTUM  
 SCIATIC NERVE                      SEMINAL VESICLES                      SPINAL CORD                      SPLEEN                      STOMACH                      TESTES                      THYMUS  
 THYROID GLAND                      TRACHEA                      URINARY BLADDER  
 -----

Individual Animal Pathology Data

-----  
 Animal Ref.: 301                      Group: 3                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 372.1g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.058g                      BRAIN : 2.107g                      EPIDIDYMIDES : 1.108g                      HEART : 1.931g  
 KIDNEYS : 3.579g                      LIVER : 13.374g                      LUNGS : 2.248g                      PROSTATE : 0.329g<  
 SPLEEN : 0.745g                      TESTES : 3.484g                      THYMUS : 0.539g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;  
 Casts; tubules; minimal  
 Chronic progressive nephropathy; minimal  
 Hyaline droplets; increased; minimal  
 -----

The following tissues were within normal limits:

-----  
 LIVER                      THYROID GLAND  
 -----

No observations recorded for the following protocol required tissues:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      COAGULATING GLANDS                      COLON                      DUODENUM  
 EPIDIDYMIDES                      FEMUR                      HEART                      ILEUM                      JEJUNUM                      LUNGS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      PEYERS PATCH                      PROSTATE                      RECTUM                      SCIATIC NERVE                      SEMINAL VESICLES  
 SPINAL CORD  
 SPLEEN                      STOMACH                      TESTES                      THYMUS                      TRACHEA                      URINARY BLADDER  
 -----

Individual Animal Pathology Data

-----  
 Animal Ref.: 302                      Group: 3                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 380.5g

Organ Weights:

-----  
 ADRENAL GLANDS                      :    0.067g                      BRAIN                      :    2.113g                      EPIDIDYMIDES                      :    1.187g                      HEART                      :    1.537g  
 KIDNEYS                      :    3.864g                      LIVER                      :    13.866g                      LUNGS                      :    1.759g                      PROSTATE                      :    0.626g  
 SPLEEN                      :    0.701g                      TESTES                      :    3.737g                      THYMUS                      :    0.483g  
 -----

Gross Pathology Observations:                      None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;  
     Chronic progressive nephropathy; minimal  
     Hyaline droplets; increased; minimal

LIVER;  
     Inflammation, subacute; minimal

The following tissues were within normal limits:  
 -----

THYROID GLAND

-----  
 No observations recorded for the following protocol required tissues:  
 -----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	COAGULATING GLANDS	COLON	DUODENUM
EPIDIDYMIDES	FEMUR	HEART	ILEUM	JEJUNUM	LUNGS	MANDIBULAR LYMPH NODE
MESENTERIC LYMPH NODE		PEYERS PATCH	PROSTATE	RECTUM	SCIATIC NERVE	SEMINAL VESICLES
SPINAL CORD	SPLEEN	STOMACH	TESTES	THYMUS	TRACHEA	URINARY BLADDER

Individual Animal Pathology Data

-----  
Animal Ref.: 303                      Group: 3                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/08/06  
-----

Terminal Body Weight: 393.4g

Organ Weights:

-----  
ADRENAL GLANDS : 0.082g                      BRAIN : 1.955g                      EPIDIDYMIDES : 1.275g                      HEART : 1.411g  
KIDNEYS : 3.743g                      LIVER : 12.774g                      LUNGS : 1.605g                      PROSTATE : 1.045g  
SPLEEN : 0.630g                      TESTES : 3.250g                      THYMUS : 0.559g

Gross Pathology Observations: None  
-----

Histo Pathology Observations:

-----  
KIDNEYS;

Chronic progressive nephropathy; minimal  
Hyaline droplets; increased; mild

LIVER;

Inflammation, subacute; minimal

The following tissues were within normal limits:  
-----

THYROID GLAND

No observations recorded for the following protocol required tissues:  
-----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	COAGULATING GLANDS	COLON	DUODENUM
EPIDIDYMIDES	FEMUR	HEART	ILEUM	JEJUNUM	LUNGS	MANDIBULAR LYMPH NODE
MESENTERIC LYMPH NODE		PEYERS PATCH	PROSTATE	RECTUM	SCIATIC NERVE	SEMINAL VESICLES
SPINAL CORD	SPLEEN	STOMACH	TESTES	THYMUS	TRACHEA	URINARY BLADDER

Individual Animal Pathology Data

-----  
 Animal Ref.: 304                      Group: 3                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 409.6g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.094g                      BRAIN : 2.115g                      EPIDIDYMIDES : 1.343g                      HEART : 1.467g  
 KIDNEYS : 4.507g                      LIVER : 12.688g                      LUNGS : 2.019g                      PROSTATE : 0.945g  
 SPLEEN : 0.705g                      TESTES : 3.766g                      THYMUS : 0.484g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;  
     Casts; tubules; mild  
     Chronic progressive nephropathy; mild  
     Hyaline droplets; increased; mild  
 -----

The following tissues were within normal limits:

-----  
 LIVER                      THYROID GLAND  
 -----

No observations recorded for the following protocol required tissues:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      COAGULATING GLANDS                      COLON                      DUODENUM  
 EPIDIDYMIDES                      FEMUR                      HEART                      ILEUM                      JEJUNUM                      LUNGS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      PEYERS PATCH                      PROSTATE                      RECTUM                      SCIATIC NERVE                      SEMINAL VESICLES  
 SPINAL CORD  
 SPLEEN                      STOMACH                      TESTES                      THYMUS                      TRACHEA                      URINARY BLADDER  
 -----

Individual Animal Pathology Data

-----  
Animal Ref.: 305                      Group: 3                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/08/06  
-----

Terminal Body Weight: 297.1g

Organ Weights:

-----  
ADRENAL GLANDS : 0.058g                      BRAIN : 1.803g                      EPIDIDYMIDES : 1.283g                      HEART : 1.180g  
KIDNEYS : 2.641g                      LIVER : 9.720g                      LUNGS : 1.451g                      PROSTATE : 0.673g  
SPLEEN : 0.617g                      TESTES : 3.733g                      THYMUS : 0.341g  
-----

Gross Pathology Observations: None  
-----

Histo Pathology Observations:

-----  
KIDNEYS;

Chronic progressive nephropathy; minimal  
Hyaline droplets; increased; minimal

The following tissues were within normal limits:  
-----

LIVER                      THYROID GLAND

No observations recorded for the following protocol required tissues:  
-----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	COAGULATING GLANDS	COLON	DUODENUM
EPIDIDYMIDES	FEMUR	HEART	ILEUM	JEJUNUM	LUNGS	MANDIBULAR LYMPH NODE
MESENTERIC LYMPH NODE		PEYERS PATCH	PROSTATE	RECTUM	SCIATIC NERVE	SEMINAL VESICLES
SPINAL CORD	SPLEEN	STOMACH	TESTES	THYMUS	TRACHEA	URINARY BLADDER

Individual Animal Pathology Data

-----  
Animal Ref.: 306                      Group: 3                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/08/06  
-----

Terminal Body Weight: 385.5g

Organ Weights:

-----  
ADRENAL GLANDS                      :    0.070g                      BRAIN                      :    2.045g                      EPIDIDYIMIDES                      :    1.045g                      HEART                      :    1.320g  
KIDNEYS                      :    3.582g                      LIVER                      :    11.980g                      LUNGS                      :    1.867g                      PROSTATE                      :    0.405g  
SPLEEN                      :    0.622g                      TESTES                      :    3.338g                      THYMUS                      :    0.463g

Gross Pathology Observations:                      None  
-----

Histo Pathology Observations:

-----  
KIDNEYS;

    Casts; tubules; minimal  
    Chronic progressive nephropathy; minimal  
    Hyaline droplets; increased; mild

The following tissues were within normal limits:

-----  
LIVER                      THYROID GLAND

No observations recorded for the following protocol required tissues:

-----  
ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      COAGULATING GLANDS                      COLON                      DUODENUM  
EPIDIDYIMIDES                      FEMUR                      HEART                      ILEUM                      JEJUNUM                      LUNGS                      MANDIBULAR LYMPH NODE  
MESENTERIC LYMPH NODE                      PEYERS PATCH                      PROSTATE                      RECTUM                      SCIATIC NERVE                      SEMINAL VESICLES  
SPINAL CORD  
SPLEEN                      STOMACH                      TESTES                      THYMUS                      TRACHEA                      URINARY BLADDER

Individual Animal Pathology Data

-----  
 Animal Ref.: 307                      Group: 3                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 410.1g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.067g                      BRAIN : 2.107g                      EPIDIDYMIDES : 1.131g                      HEART : 1.531g  
 KIDNEYS : 4.044g                      LIVER : 13.103g                      LUNGS : 1.942g                      PROSTATE : 0.608g  
 SPLEEN : 0.749g                      TESTES : 3.348g                      THYMUS : 0.690g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;  
     Casts; tubules; minimal  
     Chronic progressive nephropathy; minimal  
     Hyaline droplets; increased; mild  
 -----

The following tissues were within normal limits:

-----  
 LIVER                      THYROID GLAND  
 -----

No observations recorded for the following protocol required tissues:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      COAGULATING GLANDS                      COLON                      DUODENUM  
 EPIDIDYMIDES                      FEMUR                      HEART                      ILEUM                      JEJUNUM                      LUNGS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      PEYERS PATCH                      PROSTATE                      RECTUM                      SCIATIC NERVE                      SEMINAL VESICLES  
 SPINAL CORD  
 SPLEEN                      STOMACH                      TESTES                      THYMUS                      TRACHEA                      URINARY BLADDER  
 -----



Individual Animal Pathology Data

-----  
 Animal Ref.: 308                      Group: 3                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 381.2g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.074g                      BRAIN : 2.079g                      EPIDIDYIMIDES : 1.155g                      HEART : 1.698g  
 KIDNEYS : 3.945g                      LIVER : 11.349g                      LUNGS : 1.804g                      PROSTATE : 0.764g  
 SPLEEN : 0.571g                      TESTES : 3.199g                      THYMUS : 0.606g

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;  
     Chronic progressive nephropathy; minimal  
     Hyaline droplets; increased; mild

LIVER;  
     Inflammation, subacute; minimal

The following tissues were within normal limits:  
 -----

THYROID GLAND

No observations recorded for the following protocol required tissues:  
 -----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	COAGULATING GLANDS	COLON	DUODENUM
EPIDIDYIMIDES	FEMUR	HEART	ILEUM	JEJUNUM	LUNGS	MANDIBULAR LYMPH NODE
MESENTERIC LYMPH NODE		PEYERS PATCH	PROSTATE	RECTUM	SCIATIC NERVE	SEMINAL VESICLES
SPINAL CORD	SPLEEN	STOMACH	TESTES	THYMUS	TRACHEA	URINARY BLADDER

Individual Animal Pathology Data

-----  
 Animal Ref.: 309                      Group: 3                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 445.2g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.084g                      BRAIN : 2.127g                      EPIDIDYMIDES : 1.201g                      HEART : 1.693g  
 KIDNEYS : 4.500g                      LIVER : 14.540g                      LUNGS : 2.288g                      PROSTATE : 0.562g  
 SPLEEN : 0.978g                      TESTES : 3.551g                      THYMUS : 0.535g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;

Casts; tubules; mild  
 Chronic progressive nephropathy; mild  
 Hyaline droplets; increased; mild

LIVER;

Inflammation, subacute; minimal

The following tissues were within normal limits:  
 -----

THYROID GLAND

No observations recorded for the following protocol required tissues:  
 -----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	COAGULATING GLANDS	COLON	DUODENUM
EPIDIDYMIDES	FEMUR	HEART	ILEUM	JEJUNUM	LUNGS	MANDIBULAR LYMPH NODE
MESENTERIC LYMPH NODE		PEYERS PATCH	PROSTATE	RECTUM	SCIATIC NERVE	SEMINAL VESICLES
SPINAL CORD	SPLEEN	STOMACH	TESTES	THYMUS	TRACHEA	URINARY BLADDER

Individual Animal Pathology Data

-----  
 Animal Ref.: 310                      Group: 3                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 434g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.068g                      BRAIN : 1.981g                      EPIDIDYIMIDES : 1.187g                      HEART : 1.514g  
 KIDNEYS : 4.690g                      LIVER : 13.895g                      LUNGS : 1.853g                      PROSTATE : 0.802g  
 SPLEEN : 0.764g                      TESTES : 3.139g                      THYMUS : 0.577g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;  
     Casts; tubules; minimal  
     Chronic progressive nephropathy; mild  
     Hyaline droplets; increased; mild

LIVER;  
     Inflammation, subacute; minimal

The following tissues were within normal limits:  
 -----

THYROID GLAND

No observations recorded for the following protocol required tissues:  
 -----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	COAGULATING GLANDS	COLON	DUODENUM
EPIDIDYIMIDES	FEMUR	HEART	ILEUM	JEJUNUM	LUNGS	MANDIBULAR LYMPH NODE
MESENTERIC LYMPH NODE		PEYERS PATCH	PROSTATE	RECTUM	SCIATIC NERVE	SEMINAL VESICLES
SPINAL CORD	SPLEEN	STOMACH	TESTES	THYMUS	TRACHEA	URINARY BLADDER

Individual Animal Pathology Data

-----  
 Animal Ref.: 311                      Group: 3                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 397.7g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.067g                      BRAIN : 2.117g                      EPIDIDYIMIDES : 1.247g                      HEART : 1.449g  
 KIDNEYS : 3.421g                      LIVER : 12.710g                      LUNGS : 1.772g                      PROSTATE : 0.679g  
 SPLEEN : 0.522g                      TESTES : 3.456g                      THYMUS : 0.644g  
 -----

Gross Pathology Observations:

-----  
 KIDNEYS;  
     Dilatation; right: pelvis  
 Histo Pathology Observations:  
 -----

KIDNEYS;  
     Chronic progressive nephropathy; minimal  
     Hyaline droplets; increased; minimal  
     Hydronephrosis; unilateral; mild

LIVER;  
     Inflammation, subacute; minimal

The following tissues were within normal limits:

-----  
 THYROID GLAND

No observations recorded for the following protocol required tissues:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      COAGULATING GLANDS                      COLON                      DUODENUM  
 EPIDIDYIMIDES                      FEMUR                      HEART                      ILEUM                      JEJUNUM                      LUNGS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      PEYERS PATCH                      PROSTATE                      RECTUM                      SCIATIC NERVE                      SEMINAL VESICLES  
 SPINAL CORD                      SPLEEN                      STOMACH                      TESTES                      THYMUS                      TRACHEA                      URINARY BLADDER  
 -----

Individual Animal Pathology Data

-----  
 Animal Ref.: 312                      Group: 3                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 309.2g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.054g                      BRAIN : 1.908g                      EPIDIDYMIDES : 1.136g                      HEART : 1.191g  
 KIDNEYS : 2.863g                      LIVER : 8.709g                      LUNGS : 1.473g                      PROSTATE : 0.496g  
 SPLEEN : 0.705g                      TESTES : 3.524g                      THYMUS : 0.410g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;

Casts; tubules; minimal  
 Chronic progressive nephropathy; minimal  
 Hyaline droplets; increased; mild

The following tissues were within normal limits:  
 -----

LIVER                      THYROID GLAND

No observations recorded for the following protocol required tissues:  
 -----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	COAGULATING GLANDS	COLON	DUODENUM
EPIDIDYMIDES	FEMUR	HEART	ILEUM	JEJUNUM	LUNGS	MANDIBULAR LYMPH NODE
MESENTERIC LYMPH NODE		PEYERS PATCH	PROSTATE	RECTUM	SCIATIC NERVE	SEMINAL VESICLES
SPINAL CORD						
SPLEEN	STOMACH	TESTES	THYMUS	TRACHEA	URINARY BLADDER	

Individual Animal Pathology Data

-----  
 Animal Ref.: 401                      Group: 4                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 343g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.065g                      BRAIN : 2.095g                      EPIDIDYIMIDES : 1.158g                      HEART : 1.213g  
 KIDNEYS : 3.259g                      LIVER : 14.440g                      LUNGS : 1.638g                      PROSTATE : 0.646g  
 SPLEEN : 0.701g                      TESTES : 3.416g                      THYMUS : 0.360g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;  
     Chronic progressive nephropathy; minimal  
     Hyaline droplets; increased; mild  
 LIVER;  
     Inflammation, subacute; minimal  
 THYROID GLAND;  
     Ectopic thymus tissue; present  
 -----

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      COAGULATING GLANDS                      COLON                      DUODENUM  
 EPIDIDYIMIDES                      FEMUR                      HEART                      ILEUM                      JEJUNUM                      LUNGS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      PEYERS PATCH                      PROSTATE                      RECTUM                      SCIATIC NERVE                      SEMINAL VESICLES  
 SPINAL CORD                      SPLEEN                      STOMACH                      TESTES                      THYMUS                      TRACHEA                      URINARY BLADDER  
 -----

Individual Animal Pathology Data

-----  
 Animal Ref.: 402                      Group: 4                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 393.7g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.066g                      BRAIN : 2.046g                      EPIDIDYIMIDES : 1.214g                      HEART : 1.436g  
 KIDNEYS : 3.667g                      LIVER : 13.318g                      LUNGS : 1.702g                      PROSTATE : 0.701g  
 SPLEEN : 0.714g                      TESTES : 3.771g                      THYMUS : 0.436g

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 HEART;  
     Cardiomyopathy; minimal  
 KIDNEYS;  
     Chronic progressive nephropathy; minimal  
     Hyaline droplets; increased; mild

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      COAGULATING GLANDS                      COLON                      DUODENUM  
 EPIDIDYIMIDES                      FEMUR                      ILEUM                      JEJUNUM                      LIVER                      LUNGS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      PEYERS PATCH                      PROSTATE                      RECTUM                      SCIATIC NERVE                      SEMINAL VESICLES  
 SPINAL CORD                      SPLEEN                      STOMACH                      TESTES                      THYMUS                      THYROID GLAND                      TRACHEA

The following tissues have not been examined:

-----  
 URINARY BLADDER; MISSING

Individual Animal Pathology Data

-----  
 Animal Ref.: 403                      Group: 4                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 375g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.085g                      BRAIN : 2.089g                      EPIDIDYMIDES : 1.289g                      HEART : 1.367g  
 KIDNEYS : 4.048g                      LIVER : 14.395g                      LUNGS : 1.454g                      PROSTATE : 0.735g  
 SPLEEN : 0.593g                      TESTES : 3.567g                      THYMUS : 0.358g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;

Chronic progressive nephropathy; minimal  
 Hyaline droplets; increased; mild

LIVER;

Inflammation, subacute; minimal

The following tissues were within normal limits:  
 -----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	COAGULATING GLANDS	COLON	DUODENUM
EPIDIDYMIDES	FEMUR	HEART	ILEUM	JEJUNUM	LUNGS	MANDIBULAR LYMPH NODE
MESENTERIC LYMPH NODE		PEYERS PATCH	PROSTATE	RECTUM	SCIATIC NERVE	SEMINAL VESICLES
SPINAL CORD	SPLEEN	STOMACH	TESTES	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER						



Individual Animal Pathology Data

-----  
Animal Ref.: 404                      Group: 4                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/08/06  
-----

Terminal Body Weight: 395.3g

Organ Weights:

-----  
ADRENAL GLANDS                      :    0.065g                      BRAIN                      :    2.068g                      EPIDIDYIMIDES                      :    1.245g                      HEART                      :    1.473g  
KIDNEYS                      :    4.658g                      LIVER                      :    15.371g                      LUNGS                      :    1.767g                      PROSTATE                      :    0.693g  
SPLEEN                      :    0.733g                      TESTES                      :    3.438g                      THYMUS                      :    0.482g

Gross Pathology Observations:                      None  
-----

Histo Pathology Observations:

HEART;

Cardiomyopathy; minimal

KIDNEYS;

Chronic progressive nephropathy; minimal  
Hyaline droplets; increased; mild

LIVER;

Hypertrophy; centrilobular; minimal  
Inflammation, subacute; minimal

LUNGS;

Histiocytosis; alveolar; minimal

The following tissues were within normal limits:  
-----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	COAGULATING GLANDS	COLON	DUODENUM
EPIDIDYIMIDES	FEMUR	ILEUM	JEJUNUM	MANDIBULAR LYMPH NODE		MESENTERIC LYMPH NODE
PEYERS PATCH	PROSTATE	RECTUM	SCIATIC NERVE	SEMINAL VESICLES	SPINAL CORD	SPLEEN
STOMACH	TESTES	THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER	

Individual Animal Pathology Data

-----  
 Animal Ref.: 405                      Group: 4                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 331.3g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.057g                      BRAIN : 2.001g                      EPIDIDYMIDES : 1.061g                      HEART : 1.220g  
 KIDNEYS : 3.417g                      LIVER : 13.117g                      LUNGS : 1.358g                      PROSTATE : 0.618g  
 SPLEEN : 0.614g                      TESTES : 3.407g                      THYMUS : 0.348g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;  
 Chronic progressive nephropathy; minimal  
 Hyaline droplets; increased; mild

LIVER;  
 Inflammation, subacute; minimal

The following tissues were within normal limits:  
 -----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	COAGULATING GLANDS	COLON	DUODENUM
EPIDIDYMIDES	FEMUR	HEART	ILEUM	JEJUNUM	LUNGS	MANDIBULAR LYMPH NODE
MESENTERIC LYMPH NODE		PROSTATE	RECTUM	SCIATIC NERVE	SEMINAL VESICLES	SPINAL CORD
SPLEEN	STOMACH	TESTES	THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

The following tissues have not been examined:  
 -----

PEYERS PATCH; MISSING

Individual Animal Pathology Data

-----  
 Animal Ref.: 406                    Group: 4                    Sex: Male                    Species: Rat                    Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                    Dose: 3000 ppm                    Route: Inhalation                    Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                    Study Day No. (Week): 31 (5)                    Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06                    \*\* NECROPSY COMPLETE \*\*

\*\* EXAMINATION INCOMPLETE \*\*

Terminal Body Weight: 369.6g

Organ Weights:

ADRENAL GLANDS	:	0.061g	BRAIN	:	2.057g	EPIDIDYMIDES	:	1.115g	HEART	:	1.527g
KIDNEYS	:	3.889g	LIVER	:	15.555g	LUNGS	:	1.644g	PROSTATE	:	0.567g
SPLEEN	:	0.641g	TESTES	:	3.698g	THYMUS	:	0.388g			

Gross Pathology Observations:                    None

Any remaining protocol required tissues, which have been examined, have no visible lesions

No observations recorded for the following protocol required tissues:

-----  
 PROSECTOR

Histo Pathology Observations:

-----  
 KIDNEYS;

Chronic progressive nephropathy; minimal  
 Hyaline droplets; increased; mild

LIVER;

Inflammation, subacute; minimal

LUNGS;

Inflammation, subacute; minimal

MESENTERIC LYMPH NODE;

Histiocytosis; minimal

-----  
 The following tissues were within normal limits:

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	COAGULATING GLANDS	COLON	DUODENUM
EPIDIDYMIDES	FEMUR	HEART	ILEUM	JEJUNUM	MANDIBULAR LYMPH NODE	
PEYERS PATCH	PROSTATE	RECTUM	SCIATIC NERVE	SEMINAL VESICLES	SPINAL CORD	SPLEEN
STOMACH	TESTES	THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER	

Individual Animal Pathology Data

-----  
 Animal Ref.: 407                      Group: 4                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 383.1g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.067g                      BRAIN : 1.904g                      EPIDIDYMIDES : 1.392g                      HEART : 1.423g  
 KIDNEYS : 4.251g                      LIVER : 13.700g                      LUNGS : 1.662g                      PROSTATE : 0.412g  
 SPLEEN : 0.626g                      TESTES : 3.904g                      THYMUS : 0.395g

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 CECUM;

Inflammation, subacute; minimal

KIDNEYS;

Casts; tubules; minimal  
 Chronic progressive nephropathy; minimal  
 Hyaline droplets; increased; mild

LIVER;

Inflammation, subacute; minimal  
 Necrosis, focal; minimal

SCIATIC NERVE;

Degeneration; axon/myelin; minimal

THYROID GLAND;

Hypertrophy; follicular cell; minimal

The following tissues were within normal limits:  
 -----

ADRENAL GLANDS	BONE MARROW	BRAIN	COAGULATING GLANDS	COLON	DUODENUM	EPIDIDYMIDES
FEMUR	HEART	ILEUM	JEJUNUM	LUNGS	MANDIBULAR LYMPH NODE	
MESENTERIC LYMPH NODE		PROSTATE	RECTUM	SEMINAL VESICLES	SPINAL CORD	SPLEEN
STOMACH	TESTES	THYMUS	TRACHEA	URINARY BLADDER		

The following tissues have not been examined:  
 -----

PEYERS PATCH; MISSING

Individual Animal Pathology Data

-----  
 Animal Ref.: 408                      Group: 4                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 429.1g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.073g                      BRAIN : 2.196g                      EPIDIDYMIDES : 1.369g                      HEART : 1.707g  
 KIDNEYS : 4.955g                      LIVER : 20.317g                      LUNGS : 1.727g                      PROSTATE : 0.707g  
 SPLEEN : 1.024g                      TESTES : 3.648g                      THYMUS : 0.458g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;  
     Casts; tubules; minimal  
     Chronic progressive nephropathy; mild  
     Hyaline droplets; increased; mild

LIVER;  
     Inflammation, subacute; minimal

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      COAGULATING GLANDS                      COLON                      DUODENUM  
 EPIDIDYMIDES                      FEMUR                      HEART                      ILEUM                      JEJUNUM                      LUNGS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      PROSTATE                      RECTUM                      SEMINAL VESICLES                      SPINAL CORD                      SPLEEN  
 STOMACH                      TESTES                      THYMUS                      THYROID GLAND                      TRACHEA                      URINARY BLADDER  
 -----

The following tissues have not been examined:

-----  
 PEYERS PATCH; MISSING  
 SCIATIC NERVE; MISSING

Individual Animal Pathology Data

-----  
 Animal Ref.: 409                      Group: 4                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 411.2g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.087g                      BRAIN : 2.070g                      EPIDIDYIMIDES : 1.226g                      HEART : 1.597g  
 KIDNEYS : 4.271g                      LIVER : 15.645g                      LUNGS : 1.686g                      PROSTATE : 0.827g  
 SPLEEN : 0.696g                      TESTES : 3.496g                      THYMUS : 0.506g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;  
     Chronic progressive nephropathy; minimal  
     Hyaline droplets; increased; mild  
 LIVER;  
     Inflammation, subacute; minimal  
     Necrosis, focal; minimal  
 LUNGS;  
     Histiocytosis; alveolar; minimal  
 -----

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      COAGULATING GLANDS                      COLON                      DUODENUM  
 EPIDIDYIMIDES                      FEMUR                      HEART                      ILEUM                      JEJUNUM                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      PEYERS PATCH                      PROSTATE                      RECTUM                      SCIATIC NERVE                      SEMINAL VESICLES  
 SPINAL CORD                      SPLEEN                      STOMACH                      TESTES                      THYMUS                      THYROID GLAND                      TRACHEA  
 URINARY BLADDER  
 -----

Individual Animal Pathology Data

-----  
 Animal Ref.: 410                      Group: 4                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 409g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.070g                      BRAIN : 2.153g                      EPIDIDYMIDES : 1.352g                      HEART : 1.456g  
 KIDNEYS : 4.756g                      LIVER : 16.279g                      LUNGS : 1.726g                      PROSTATE : 0.760g  
 SPLEEN : 0.770g                      TESTES : 3.591g                      THYMUS : 0.386g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;  
     Chronic progressive nephropathy; minimal  
     Hyaline droplets; increased; mild  
 LIVER;  
     Hypertrophy; centrilobular; minimal  
     Inflammation, subacute; minimal  
 -----

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      COAGULATING GLANDS                      COLON                      DUODENUM  
 EPIDIDYMIDES                      FEMUR                      HEART                      ILEUM                      JEJUNUM                      LUNGS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      PEYERS PATCH                      PROSTATE                      RECTUM                      SCIATIC NERVE                      SEMINAL VESICLES  
 SPINAL CORD                      SPLEEN                      STOMACH                      TESTES                      THYMUS                      THYROID GLAND                      TRACHEA  
 URINARY BLADDER  
 -----

Individual Animal Pathology Data

-----  
 Animal Ref.: 411                      Group: 4                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 381.2g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.069g                      BRAIN : 1.785g                      EPIDIDYIMIDES : 1.373g                      HEART : 1.366g  
 KIDNEYS : 4.314g                      LIVER : 14.196g                      LUNGS : 1.646g                      PROSTATE : 0.620g  
 SPLEEN : 0.685g                      TESTES : 3.486g                      THYMUS : 0.346g

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 EPIDIDYIMIDES;

Sperm granuloma; mild

HEART;

Cardiomyopathy; minimal

KIDNEYS;

Chronic progressive nephropathy; minimal  
 Hyaline droplets; increased; mild

LIVER;

Inflammation, subacute; minimal

PROSTATE;

Inflammation, subacute; minimal

SCIATIC NERVE;

Degeneration; axon/myelin; minimal

THYROID GLAND;

Hypertrophy; follicular cell; minimal

The following tissues were within normal limits:  
 -----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	COAGULATING GLANDS	COLON	DUODENUM
FEMUR	ILEUM	JEJUNUM	LUNGS	MANDIBULAR LYMPH NODE		MESENTERIC LYMPH NODE
PEYERS PATCH	RECTUM	SEMINAL VESICLES	SPINAL CORD	SPLEEN	STOMACH	TESTES
THYMUS	TRACHEA	URINARY BLADDER				



Individual Animal Pathology Data

-----  
 Animal Ref.: 412                      Group: 4                      Sex: Male                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/08/06                      Study Day No. (Week): 31 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/08/06  
 -----

Terminal Body Weight: 391.3g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.072g                      BRAIN : 2.162g                      EPIDIDYMIDES : 1.197g                      HEART : 1.527g  
 KIDNEYS : 3.965g                      LIVER : 15.377g                      LUNGS : 1.740g                      PROSTATE : 0.705g  
 SPLEEN : 0.935g                      TESTES : 3.401g                      THYMUS : 0.542g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;  
 Chronic progressive nephropathy; minimal  
 Hyaline droplets; increased; mild  
 Aggregates; lymphoid; minimal

LIVER;  
 Inflammation, subacute; minimal  
 Necrosis, focal; mild

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      COAGULATING GLANDS                      COLON                      DUODENUM  
 EPIDIDYMIDES                      FEMUR                      HEART                      ILEUM                      JEJUNUM                      LUNGS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      PEYERS PATCH                      PROSTATE                      RECTUM                      SCIATIC NERVE                      SEMINAL VESICLES  
 SPINAL CORD  
 SPLEEN                      STOMACH                      TESTES                      THYMUS                      THYROID GLAND                      TRACHEA                      URINARY BLADDER  
 -----

Individual Animal Pathology Data

-----  
Animal Ref.: 113                    Group: 1                    Sex: Female                    Species: Rat                    Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                    Dose: 0 ppm                    Route: Inhalation                    Study Type: One-generation Reproduction  
Date of Death : 06/09/06                    Study Day No. (Week): 32 (5)                    Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/09/06  
-----

Terminal Body Weight: 239.9g

Organ Weights:

-----  
ADRENAL GLANDS                    :    0.090g                    BRAIN                    :    1.931g                    HEART                    :    0.897g                    KIDNEYS                    :    1.962g  
LIVER                    :    7.058g                    LUNGS                    :    1.451g                    OVARIES                    :    0.139g                    SPLEEN                    :    0.518g  
THYMUS                    :    0.506g                    UTERUS                    :    0.577g

Gross Pathology Observations:                    None  
-----

Histo Pathology Observations:                    None  
-----

The following tissues were within normal limits:

-----  
ADRENAL GLANDS                    BONE MARROW                    BRAIN                    CECUM                    CERVIX                    COLON                    DUODENUM  
FEMUR                    HEART                    ILEUM                    JEJUNUM                    KIDNEYS                    LIVER                    LUNGS  
MANDIBULAR LYMPH NODE                    MESENTERIC LYMPH NODE                    OVARIES                    OVIDUCT                    PEYERS PATCH  
RECTUM                    SCIATIC NERVE                    SPINAL CORD                    SPLEEN                    STOMACH                    THYMUS                    THYROID GLAND  
TRACHEA                    URINARY BLADDER                    UTERUS                    VAGINA

Individual Animal Pathology Data

-----  
 Animal Ref.: 114                      Group: 1                      Sex: Female                      Species: Rat                      Strain: Cr1:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 0 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 280.3g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.066g                      BRAIN : 1.927g                      HEART : 1.081g                      KIDNEYS : 2.362g  
 LIVER : 8.778g                      LUNGS : 1.631g                      OVARIES : 0.181g                      SPLEEN : 0.584g  
 THYMUS : 0.525g                      UTERUS : 0.488g

Gross Pathology Observations:

-----  
 KIDNEYS;  
     pelvis  
     Dilatation; right

Histo Pathology Observations:

-----  
 KIDNEYS;  
     Hydronephrosis; unilateral; mild

LIVER;  
     Inflammation, subacute; minimal

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
 FEMUR                      HEART                      ILEUM                      JEJUNUM                      LUNGS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH                      RECTUM                      SCIATIC NERVE  
 SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      THYROID GLAND                      TRACHEA                      URINARY BLADDER  
 UTERUS  
 VAGINA

Individual Animal Pathology Data

-----  
 Animal Ref.: 115                      Group: 1                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 0 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 229.4g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.056g                      BRAIN : 1.899g                      HEART : 0.983g                      KIDNEYS : 1.865g  
 LIVER : 7.036g                      LUNGS : 1.306g                      OVARIES : 0.125g                      SPLEEN : 0.479g  
 THYMUS : 0.517g                      UTERUS : 0.406g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 LIVER;  
 Inflammation, subacute; minimal  
 -----

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
 FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LUNGS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH                      RECTUM                      SCIATIC NERVE  
 SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      THYROID GLAND                      TRACHEA                      URINARY BLADDER  
 UTERUS                      VAGINA  
 -----

Individual Animal Pathology Data

-----  
 Animal Ref.: 116                      Group: 1                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 0 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 211.7g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.073g                      BRAIN : 1.776g                      HEART : 0.902g                      KIDNEYS : 1.616g<  
 LIVER : 6.420g<                      LUNGS : 1.141g                      OVARIES : 0.159g                      SPLEEN : 0.548g  
 THYMUS : 0.293g                      UTERUS : 0.578g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations: None  
 -----

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
 FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LIVER                      LUNGS  
 MANDIBULAR LYMPH NODE                      MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH  
 RECTUM                      SCIATIC NERVE                      SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      THYROID GLAND  
 TRACHEA                      URINARY BLADDER                      UTERUS                      VAGINA

Individual Animal Pathology Data

-----  
Animal Ref.: 117                    Group: 1                    Sex: Female                    Species: Rat                    Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                    Dose: 0 ppm                    Route: Inhalation                    Study Type: One-generation Reproduction  
Date of Death : 06/09/06                    Study Day No. (Week): 32 (5)                    Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/09/06  
-----

Terminal Body Weight: 267g

Organ Weights:

-----  
ADRENAL GLANDS : 0.072g                    BRAIN : 1.849g                    HEART : 1.065g                    KIDNEYS : 2.148g  
LIVER : 8.316g                    LUNGS : 1.357g                    OVARIES : 0.166g                    SPLEEN : 0.603g  
THYMUS : 0.561g                    UTERUS : 0.952g

Gross Pathology Observations: None  
-----

Histo Pathology Observations:

-----  
HEART;

Cardiomyopathy; minimal

LIVER;

Inflammation, subacute; minimal

LUNGS;

Inflammation; perivascular/peribronchiolar; minimal

The following tissues were within normal limits:

-----  
ADRENAL GLANDS                    BONE MARROW                    BRAIN                    CECUM                    CERVIX                    COLON                    DUODENUM  
FEMUR                    ILEUM                    JEJUNUM                    KIDNEYS                    MANDIBULAR LYMPH NODE                    MESENTERIC LYMPH NODE  
OVARIES                    OVIDUCT                    RECTUM                    SCIATIC NERVE                    SPINAL CORD                    SPLEEN                    STOMACH  
THYMUS  
THYROID GLAND                    TRACHEA                    URINARY BLADDER                    UTERUS                    VAGINA

The following tissues have not been examined:

-----  
PEYERS PATCH; MISSING

Individual Animal Pathology Data

-----  
 Animal Ref.: 118                      Group: 1                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 0 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 219.6g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.058g                      BRAIN : 1.859g                      HEART : 0.926g                      KIDNEYS : 1.793g  
 LIVER : 6.589g                      LUNGS : 1.458g                      OVARIES : 0.119g                      SPLEEN : 0.620g  
 THYMUS : 0.298g                      UTERUS : 0.594g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations: None  
 -----

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
 FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LIVER                      LUNGS  
 MANDIBULAR LYMPH NODE                      MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH  
 RECTUM                      SCIATIC NERVE                      SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      THYROID GLAND  
 TRACHEA                      URINARY BLADDER                      UTERUS                      VAGINA

Individual Animal Pathology Data

-----  
Animal Ref.: 119                    Group: 1                    Sex: Female                    Species: Rat                    Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                    Dose: 0 ppm                    Route: Inhalation                    Study Type: One-generation Reproduction  
Date of Death : 06/09/06                    Study Day No. (Week): 32 (5)                    Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/09/06  
-----

Terminal Body Weight: 264.9g

Organ Weights:

-----  
ADRENAL GLANDS                    :    0.075g                    BRAIN                    :    1.832g                    HEART                    :    0.982g                    KIDNEYS                    :    2.036g  
LIVER                    :    7.280g                    LUNGS                    :    1.567g                    OVARIES                    :    0.105g                    SPLEEN                    :    0.602g  
THYMUS                    :    0.449g                    UTERUS                    :    0.364g

Gross Pathology Observations:                    None  
-----

Histo Pathology Observations:

-----  
LIVER;  
  Inflammation, subacute; minimal

The following tissues were within normal limits:

-----  
ADRENAL GLANDS                    BONE MARROW                    BRAIN                    CECUM                    COLON                    DUODENUM                    FEMUR  
HEART                    ILEUM                    JEJUNUM                    KIDNEYS                    LUNGS                    MANDIBULAR LYMPH NODE  
MESENTERIC LYMPH NODE                    OVARIES                    OVIDUCT                    PEYERS PATCH                    RECTUM                    SCIATIC NERVE  
SPINAL CORD                    SPLEEN                    STOMACH                    THYMUS                    THYROID GLAND                    TRACHEA                    URINARY BLADDER  
UTERUS                    VAGINA

The following tissues have not been examined:

-----  
CERVIX; MISSING



Individual Animal Pathology Data

-----  
 Animal Ref.: 120                      Group: 1                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 0 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 265.2g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.084g                      BRAIN : 1.764g                      HEART : 1.059g                      KIDNEYS : 2.236g  
 LIVER : 8.491g                      LUNGS : 1.460g                      OVARIES : 0.129g                      SPLEEN : 0.428g  
 THYMUS : 0.470g                      UTERUS : 0.411g

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 HEART;  
 Inflammation/degeneration; subendocardial; minimal

LIVER;  
 Inflammation, subacute; minimal

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
 FEMUR                      ILEUM                      JEJUNUM                      KIDNEYS                      LUNGS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH                      RECTUM                      SCIATIC NERVE  
 SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      THYROID GLAND                      TRACHEA                      URINARY BLADDER  
 UTERUS                      VAGINA

Individual Animal Pathology Data

-----  
 Animal Ref.: 121                      Group: 1                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 0 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 246.2g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.090g                      BRAIN : 1.956g                      HEART : 0.968g                      KIDNEYS : 2.265g  
 LIVER : 8.264g                      LUNGS : 1.532g                      OVARIES : 0.116g                      SPLEEN : 0.490g  
 THYMUS : 0.417g                      UTERUS : 0.421g

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 LIVER;  
     Fatty change; median cleft; minimal  
 LUNGS;  
     Inflammation; perivascular/peribronchiolar; minimal

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
 FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH                      RECTUM                      SCIATIC NERVE  
 SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      THYROID GLAND                      TRACHEA                      URINARY BLADDER  
 UTERUS                      VAGINA

Individual Animal Pathology Data

-----  
 Animal Ref.: 122                      Group: 1                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 0 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 250.2g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.081g                      BRAIN : 1.870g                      HEART : 1.105g                      KIDNEYS : 1.787g  
 LIVER : 7.367g                      LUNGS : 1.348g                      OVARIES : 0.142g                      SPLEEN : 0.450g  
 THYMUS : 0.441g                      UTERUS : 0.390g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 LIVER;  
 Fatty change; median cleft; minimal  
 -----

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
 FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LUNGS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH                      RECTUM                      SCIATIC NERVE  
 SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      THYROID GLAND                      TRACHEA                      URINARY BLADDER  
 UTERUS                      VAGINA  
 -----

Individual Animal Pathology Data

-----  
 Animal Ref.: 123                      Group: 1                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 0 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 274.6g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.077g                      BRAIN : 1.958g                      HEART : 1.057g                      KIDNEYS : 2.357g  
 LIVER : 8.804g                      LUNGS : 1.499g                      OVARIES : 0.112g                      SPLEEN : 0.600g  
 THYMUS : 0.603g                      UTERUS : 0.628g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 LIVER;  
 Fatty change; median cleft; minimal  
 -----

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
 FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LUNGS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH                      RECTUM                      SCIATIC NERVE  
 SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      THYROID GLAND                      TRACHEA                      URINARY BLADDER  
 UTERUS                      VAGINA  
 -----

Individual Animal Pathology Data

-----  
 Animal Ref.: 124                      Group: 1                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 0 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 265.5g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.080g                      BRAIN : 1.860g                      HEART : 0.993g                      KIDNEYS : 2.269g  
 LIVER : 8.446g                      LUNGS : 1.610g                      OVARIES : 0.190g                      SPLEEN : 0.574g  
 THYMUS : 0.398g                      UTERUS : 0.508g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 LIVER;  
 Fatty change; median cleft; minimal  
 -----

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
 FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LUNGS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH                      RECTUM                      SCIATIC NERVE  
 SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      THYROID GLAND                      TRACHEA                      URINARY BLADDER  
 UTERUS                      VAGINA  
 -----

Individual Animal Pathology Data

-----  
 Animal Ref.: 213                      Group: 2                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 212.9g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.069g                      BRAIN : 1.902g                      HEART : 0.787g<                      KIDNEYS : 1.592g<  
 LIVER : 6.159g<                      LUNGS : 1.226g                      OVARIES : 0.126g                      SPLEEN : 0.539g  
 THYMUS : 0.374g                      UTERUS : 0.433g  
 -----

Gross Pathology Observations: None

Histo Pathology Observations: None

No observations recorded for the following protocol required tissues:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
 FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LIVER                      LUNGS  
 MANDIBULAR LYMPH NODE                      MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH  
 RECTUM                      SCIATIC NERVE                      SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      THYROID GLAND  
 TRACHEA                      URINARY BLADDER                      UTERUS                      VAGINA  
 -----

Individual Animal Pathology Data

-----  
 Animal Ref.: 214                      Group: 2                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 250g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.089g                      BRAIN : 1.953g                      HEART : 1.007g                      KIDNEYS : 2.044g  
 LIVER : 8.347g                      LUNGS : 1.427g                      OVARIES : 0.127g                      SPLEEN : 0.551g  
 THYMUS : 0.529g                      UTERUS : 0.630g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations: None  
 -----

No observations recorded for the following protocol required tissues:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
 FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LIVER                      LUNGS  
 MANDIBULAR LYMPH NODE                      MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH  
 RECTUM                      SCIATIC NERVE                      SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      THYROID GLAND  
 TRACHEA                      URINARY BLADDER                      UTERUS                      VAGINA  
 -----

Individual Animal Pathology Data

-----  
 Animal Ref.: 215                      Group: 2                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 226.9g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.076g                      BRAIN : 1.926g                      HEART : 1.009g                      KIDNEYS : 2.325g  
 LIVER : 7.968g                      LUNGS : 1.431g                      OVARIES : 0.145g                      SPLEEN : 0.596g  
 THYMUS : 0.349g                      UTERUS : 0.610g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations: None  
 -----

No observations recorded for the following protocol required tissues:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
 FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LIVER                      LUNGS  
 MANDIBULAR LYMPH NODE                      MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH  
 RECTUM                      SCIATIC NERVE                      SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      THYROID GLAND  
 TRACHEA                      URINARY BLADDER                      UTERUS                      VAGINA  
 -----



Individual Animal Pathology Data

-----  
 Animal Ref.: 216                      Group: 2                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 257.2g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.084g                      BRAIN : 1.933g                      HEART : 0.941g                      KIDNEYS : 2.056g  
 LIVER : 7.924g                      LUNGS : 1.377g                      OVARIES : 0.161g                      SPLEEN : 0.465g  
 THYMUS : 0.341g                      UTERUS : 0.462g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations: None  
 -----

No observations recorded for the following protocol required tissues:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
 FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LIVER                      LUNGS  
 MANDIBULAR LYMPH NODE                      MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH  
 RECTUM                      SCIATIC NERVE                      SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      THYROID GLAND  
 TRACHEA                      URINARY BLADDER                      UTERUS                      VAGINA  
 -----

Individual Animal Pathology Data

-----  
 Animal Ref.: 217                      Group: 2                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 247.8g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.086g                      BRAIN : 1.916g                      HEART : 0.894g                      KIDNEYS : 1.939g  
 LIVER : 7.769g                      LUNGS : 1.483g                      OVARIES : 0.166g                      SPLEEN : 0.538g  
 THYMUS : 0.465g                      UTERUS : 0.511g

Gross Pathology Observations: None

Histo Pathology Observations: None

No observations recorded for the following protocol required tissues:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
 FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LIVER                      LUNGS  
 MANDIBULAR LYMPH NODE                      MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH  
 RECTUM                      SCIATIC NERVE                      SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      THYROID GLAND  
 TRACHEA                      URINARY BLADDER                      UTERUS                      VAGINA

Individual Animal Pathology Data

-----  
Animal Ref.: 218                      Group: 2                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/09/06  
-----

Terminal Body Weight: 255.7g

Organ Weights:

-----  
ADRENAL GLANDS : 0.078g                      BRAIN : 1.924g                      HEART : 1.105g                      KIDNEYS : 2.076g  
LIVER : 7.873g                      LUNGS : 1.830g                      OVARIES : 0.188g                      SPLEEN : 0.644g  
THYMUS : 0.462g                      UTERUS : 0.567g  
-----

Gross Pathology Observations: None

Histo Pathology Observations: None

-----  
No observations recorded for the following protocol required tissues:

-----  
ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LIVER                      LUNGS  
MANDIBULAR LYMPH NODE                      MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH  
RECTUM                      SCIATIC NERVE                      SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      THYROID GLAND  
TRACHEA                      URINARY BLADDER                      UTERUS                      VAGINA  
-----

Individual Animal Pathology Data

-----  
Animal Ref.: 219                      Group: 2                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/09/06  
-----

Terminal Body Weight: 226.1g

Organ Weights:

-----  
ADRENAL GLANDS                      :    0.056g                      BRAIN                      :    1.792g                      HEART                      :    0.925g                      KIDNEYS                      :    1.499g<  
LIVER                      :    6.485g<                      LUNGS                      :    1.142g                      OVARIES                      :    0.102g                      SPLEEN                      :    0.569g  
THYMUS                      :    0.419g                      UTERUS                      :    0.478g

Gross Pathology Observations:

-----  
LIVER;  
  peritoneal wall  
  Adhesion

Histo Pathology Observations:

-----  
LIVER;  
  Fibrosis; capsule: with minimal edema  
  Inflammation, subacute; minimal

No observations recorded for the following protocol required tissues:

-----  
ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LUNGS                      MANDIBULAR LYMPH NODE  
MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH                      RECTUM                      SCIATIC NERVE  
SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      THYROID GLAND                      TRACHEA                      URINARY BLADDER  
UTERUS                      VAGINA

Individual Animal Pathology Data

-----  
 Animal Ref.: 220                      Group: 2                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 279.7g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.056g                      BRAIN : 1.908g                      HEART : 1.105g                      KIDNEYS : 2.117g  
 LIVER : 8.536g                      LUNGS : 1.382g                      OVARIES : 0.173g                      SPLEEN : 0.635g  
 THYMUS : 0.747g                      UTERUS : 1.142g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations: None  
 -----

No observations recorded for the following protocol required tissues:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
 FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LIVER                      LUNGS  
 MANDIBULAR LYMPH NODE                      MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH  
 RECTUM                      SCIATIC NERVE                      SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      THYROID GLAND  
 TRACHEA                      URINARY BLADDER                      UTERUS                      VAGINA  
 -----

Individual Animal Pathology Data

-----  
 Animal Ref.: 221                      Group: 2                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 243.4g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.081g                      BRAIN : 1.956g                      HEART : 0.967g                      KIDNEYS : 2.083g  
 LIVER : 7.104g                      LUNGS : 1.414g                      OVARIES : 0.133g                      SPLEEN : 0.497g  
 THYMUS : 0.501g                      UTERUS : 0.447g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations: None  
 -----

No observations recorded for the following protocol required tissues:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
 FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LIVER                      LUNGS  
 MANDIBULAR LYMPH NODE                      MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH  
 RECTUM                      SCIATIC NERVE                      SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      THYROID GLAND  
 TRACHEA                      URINARY BLADDER                      UTERUS                      VAGINA  
 -----

Individual Animal Pathology Data

-----  
 Animal Ref.: 222                      Group: 2                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 255.7g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.073g                      BRAIN : 1.762g                      HEART : 1.035g                      KIDNEYS : 2.357g  
 LIVER : 8.032g                      LUNGS : 1.559g                      OVARIES : 0.115g                      SPLEEN : 0.601g  
 THYMUS : 0.399g                      UTERUS : 0.548g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations: None  
 -----

No observations recorded for the following protocol required tissues:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
 FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LIVER                      LUNGS  
 MANDIBULAR LYMPH NODE                      MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH  
 RECTUM                      SCIATIC NERVE                      SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      THYROID GLAND  
 TRACHEA                      URINARY BLADDER                      UTERUS                      VAGINA  
 -----

Individual Animal Pathology Data

-----  
Animal Ref.: 223                      Group: 2                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/09/06  
-----

Terminal Body Weight: 271.1g

Organ Weights:

-----  
ADRENAL GLANDS : 0.083g                      BRAIN : 1.901g                      HEART : 1.078g                      KIDNEYS : 2.103g  
LIVER : 7.828g                      LUNGS : 1.604g                      OVARIES : 0.154g                      SPLEEN : 0.563g  
THYMUS : 0.383g                      UTERUS : 0.974g  
-----

Gross Pathology Observations: None

Histo Pathology Observations: None

-----  
No observations recorded for the following protocol required tissues:

-----  
ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LIVER                      LUNGS  
MANDIBULAR LYMPH NODE                      MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH  
RECTUM                      SCIATIC NERVE                      SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      THYROID GLAND  
TRACHEA                      URINARY BLADDER                      UTERUS                      VAGINA  
-----



Individual Animal Pathology Data

-----  
 Animal Ref.: 224                      Group: 2                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 232.3g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.065g                      BRAIN : 1.873g                      HEART : 0.991g                      KIDNEYS : 1.844g  
 LIVER : 7.054g                      LUNGS : 1.391g                      OVARIES : 0.145g                      SPLEEN : 0.493g  
 THYMUS : 0.361g                      UTERUS : 0.599g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations: None  
 -----

No observations recorded for the following protocol required tissues:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
 FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LIVER                      LUNGS  
 MANDIBULAR LYMPH NODE                      MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH  
 RECTUM                      SCIATIC NERVE                      SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      THYROID GLAND  
 TRACHEA                      URINARY BLADDER                      UTERUS                      VAGINA  
 -----

Individual Animal Pathology Data

-----  
 Animal Ref.: 313                      Group: 3                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 242.3g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.074g                      BRAIN : 1.937g                      HEART : 0.840g<                      KIDNEYS : 1.926g  
 LIVER : 7.778g                      LUNGS : 1.276g                      OVARIES : 0.151g                      SPLEEN : 0.511g  
 THYMUS : 0.394g                      UTERUS : 0.986g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 LIVER;  
 Inflammation, subacute; minimal

The following tissues were within normal limits:

-----  
 THYROID GLAND

No observations recorded for the following protocol required tissues:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
 FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LUNGS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH                      RECTUM                      SCIATIC NERVE  
 SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      TRACHEA                      URINARY BLADDER                      UTERUS  
 VAGINA

Individual Animal Pathology Data

-----  
 Animal Ref.: 314                      Group: 3                      Sex: Female                      Species: Rat                      Strain: Cr1:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 218.3g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.076g                      BRAIN : 2.064g                      HEART : 0.896g                      KIDNEYS : 1.978g  
 LIVER : 6.497g<                      LUNGS : 1.156g                      OVARIES : 0.119g                      SPLEEN : 0.403g  
 THYMUS : 0.369g                      UTERUS : 0.428g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 LIVER;  
 Inflammation, subacute; minimal

The following tissues were within normal limits:

-----  
 THYROID GLAND

No observations recorded for the following protocol required tissues:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
 FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LUNGS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH                      RECTUM                      SCIATIC NERVE  
 SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      TRACHEA                      URINARY BLADDER                      UTERUS  
 VAGINA

Individual Animal Pathology Data

-----  
 Animal Ref.: 315                      Group: 3                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 234.4g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.061g                      BRAIN : 1.972g                      HEART : 0.956g                      KIDNEYS : 1.987g  
 LIVER : 7.129g                      LUNGS : 1.229g                      OVARIES : 0.161g                      SPLEEN : 0.418g  
 THYMUS : 0.433g                      UTERUS : 0.460g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 LIVER;  
 Inflammation, subacute; minimal

The following tissues were within normal limits:

-----  
 THYROID GLAND

No observations recorded for the following protocol required tissues:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
 FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LUNGS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH                      RECTUM                      SCIATIC NERVE  
 SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      TRACHEA                      URINARY BLADDER                      UTERUS  
 VAGINA

Individual Animal Pathology Data

-----  
 Animal Ref.: 316                      Group: 3                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 233.1g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.089g                      BRAIN : 2.009g                      HEART : 0.921g                      KIDNEYS : 1.974g  
 LIVER : 7.508g                      LUNGS : 1.395g                      OVARIES : 0.131g                      SPLEEN : 0.432g  
 THYMUS : 0.792g                      UTERUS : 0.440g  
 -----

Gross Pathology Observations: None

Histo Pathology Observations: None

The following tissues were within normal limits:

-----  
 LIVER                      THYROID GLAND

No observations recorded for the following protocol required tissues:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
 FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LUNGS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH                      RECTUM                      SCIATIC NERVE  
 SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      TRACHEA                      URINARY BLADDER                      UTERUS  
 VAGINA

Individual Animal Pathology Data

-----  
Animal Ref.: 317                      Group: 3                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/09/06  
-----

Terminal Body Weight: 205.7g

Organ Weights:

-----  
ADRENAL GLANDS                      :    0.066g                      BRAIN                      :    2.021g                      HEART                      :    0.850g                      KIDNEYS                      :    1.772g  
LIVER                      :    8.294g                      LUNGS                      :    1.370g                      OVARIES                      :    0.121g                      SPLEEN                      :    0.591g  
THYMUS                      :    0.387g                      UTERUS                      :    0.711g

Gross Pathology Observations:                      None  
-----

Histo Pathology Observations:                      None  
-----

The following tissues were within normal limits:

-----  
LIVER                      THYROID GLAND

No observations recorded for the following protocol required tissues:

-----  
ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LUNGS                      MANDIBULAR LYMPH NODE  
MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH                      RECTUM                      SCIATIC NERVE  
SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      TRACHEA                      URINARY BLADDER                      UTERUS  
VAGINA

Individual Animal Pathology Data

-----  
Animal Ref.: 318                      Group: 3                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/09/06  
-----

Terminal Body Weight: 263.4g

Organ Weights:

-----  
ADRENAL GLANDS                      :    0.066g                      BRAIN                      :    1.930g                      HEART                      :    0.984g                      KIDNEYS                      :    2.174g  
LIVER                      :    7.647g                      LUNGS                      :    1.530g                      OVARIES                      :    0.150g                      SPLEEN                      :    0.508g  
THYMUS                      :    0.395g                      UTERUS                      :    0.465g

Gross Pathology Observations:                      None  
-----

Histo Pathology Observations:

-----  
LIVER;  
    Inflammation, subacute; minimal

The following tissues were within normal limits:

-----  
THYROID GLAND

No observations recorded for the following protocol required tissues:

-----  
ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LUNGS                      MANDIBULAR LYMPH NODE  
MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH                      RECTUM                      SCIATIC NERVE  
SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      TRACHEA                      URINARY BLADDER                      UTERUS  
VAGINA

Individual Animal Pathology Data

-----  
Animal Ref.: 319                      Group: 3                      Sex: Female                      Species: Rat                      Strain: Cr1:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/09/06  
-----

Terminal Body Weight: 233.2g

Organ Weights:

-----  
ADRENAL GLANDS : 0.071g                      BRAIN : 1.809g                      HEART : 1.045g                      KIDNEYS : 2.135g  
LIVER : 6.736g                      LUNGS : 1.354g                      OVARIES : 0.165g                      SPLEEN : 0.484g  
THYMUS : 0.405g                      UTERUS : 0.548g  
-----

Gross Pathology Observations:                      None  
-----

Histo Pathology Observations:

-----  
LIVER;  
    Inflammation, subacute; minimal  
-----

The following tissues were within normal limits:

-----  
THYROID GLAND  
-----

No observations recorded for the following protocol required tissues:

-----  
ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LUNGS                      MANDIBULAR LYMPH NODE  
MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH                      RECTUM                      SCIATIC NERVE  
SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      TRACHEA                      URINARY BLADDER                      UTERUS  
VAGINA  
-----



Individual Animal Pathology Data

-----  
Animal Ref.: 320                      Group: 3                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/09/06  
-----

Terminal Body Weight: 293g

Organ Weights:

-----  
ADRENAL GLANDS                      :    0.070g                      BRAIN                      :    1.906g                      HEART                      :    1.082g                      KIDNEYS                      :    2.209g  
LIVER                      :    9.559g                      LUNGS                      :    1.399g                      OVARIES                      :    0.151g                      SPLEEN                      :    0.490g  
THYMUS                      :    0.420g                      UTERUS                      :    0.567g

Gross Pathology Observations:                      None  
-----

Histo Pathology Observations:                      None  
-----

The following tissues were within normal limits:

-----  
LIVER                      THYROID GLAND

No observations recorded for the following protocol required tissues:

-----  
ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LUNGS                      MANDIBULAR LYMPH NODE  
MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH                      RECTUM                      SCIATIC NERVE  
SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      TRACHEA                      URINARY BLADDER                      UTERUS  
VAGINA

Individual Animal Pathology Data

-----  
Animal Ref.: 321                      Group: 3                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/09/06  
-----

Terminal Body Weight: 255g

Organ Weights:

-----  
ADRENAL GLANDS : 0.099g                      BRAIN : 1.946g                      HEART : 1.169g                      KIDNEYS : 2.185g  
LIVER : 9.295g                      LUNGS : 1.531g                      OVARIES : 0.127g                      SPLEEN : 0.661g  
THYMUS : 0.443g                      UTERUS : 0.502g  
-----

Gross Pathology Observations: None  
-----

Histo Pathology Observations:

-----  
LIVER;  
Inflammation, subacute; minimal  
Necrosis, focal; minimal  
-----

The following tissues were within normal limits:  
-----

THYROID GLAND

No observations recorded for the following protocol required tissues:  
-----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	CERVIX	COLON	DUODENUM
FEMUR	HEART	ILEUM	JEJUNUM	KIDNEYS	LUNGS	MANDIBULAR LYMPH NODE
MESENTERIC LYMPH NODE		OVARIES	OVIDUCT	PEYERS PATCH	RECTUM	SCIATIC NERVE
SPINAL CORD	SPLEEN	STOMACH	THYMUS	TRACHEA	URINARY BLADDER	UTERUS
VAGINA						

Individual Animal Pathology Data

-----  
 Animal Ref.: 322                      Group: 3                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 249.7g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.066g                      BRAIN : 1.856g                      HEART : 1.020g                      KIDNEYS : 2.230g  
 LIVER : 7.876g                      LUNGS : 1.296g                      OVARIES : 0.108g                      SPLEEN : 0.619g  
 THYMUS : 0.523g                      UTERUS : 0.439g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 LIVER;  
 Inflammation, subacute; minimal

The following tissues were within normal limits:

-----  
 THYROID GLAND

No observations recorded for the following protocol required tissues:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
 FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LUNGS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH                      RECTUM                      SCIATIC NERVE  
 SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      TRACHEA                      URINARY BLADDER                      UTERUS  
 VAGINA

Individual Animal Pathology Data

-----  
Animal Ref.: 323                      Group: 3                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/09/06  
-----

Terminal Body Weight: 275.5g

Organ Weights:

-----  
ADRENAL GLANDS                      :    0.075g                      BRAIN                      :    1.844g                      HEART                      :    1.102g                      KIDNEYS                      :    2.382g  
LIVER                      :    8.478g                      LUNGS                      :    1.480g                      OVARIES                      :    0.157g                      SPLEEN                      :    0.550g  
THYMUS                      :    0.435g                      UTERUS                      :    0.631g

Gross Pathology Observations:                      None

Histo Pathology Observations:                      None

-----  
The following tissues were within normal limits:

-----  
LIVER                      THYROID GLAND

No observations recorded for the following protocol required tissues:

-----  
ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LUNGS                      MANDIBULAR LYMPH NODE  
MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH                      RECTUM                      SCIATIC NERVE  
SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      TRACHEA                      URINARY BLADDER                      UTERUS  
VAGINA

Individual Animal Pathology Data

-----  
Animal Ref.: 324                      Group: 3                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/09/06  
-----

Terminal Body Weight: 274.4g

Organ Weights:

-----  
ADRENAL GLANDS : 0.073g                      BRAIN : 1.897g                      HEART : 1.054g                      KIDNEYS : 2.248g  
LIVER : 8.040g                      LUNGS : 1.717g                      OVARIES : 0.144g                      SPLEEN : 0.749g  
THYMUS : 0.477g                      UTERUS : 0.593g  
-----

Gross Pathology Observations: None  
-----

Histo Pathology Observations:

-----  
LIVER;  
    Inflammation, subacute; minimal  
-----

The following tissues were within normal limits:

-----  
THYROID GLAND  
-----

No observations recorded for the following protocol required tissues:

-----  
ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LUNGS                      MANDIBULAR LYMPH NODE  
MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH                      RECTUM                      SCIATIC NERVE  
SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      TRACHEA                      URINARY BLADDER                      UTERUS  
VAGINA  
-----

Individual Animal Pathology Data

-----  
Animal Ref.: 413                      Group: 4                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/09/06  
-----

Terminal Body Weight: 219.1g

Organ Weights:

-----  
ADRENAL GLANDS                      :    0.065g                      BRAIN                      :    1.659g                      HEART                      :    0.962g                      KIDNEYS                      :    2.174g  
LIVER                      :    8.781g                      LUNGS                      :    1.382g                      OVARIES                      :    0.109g                      SPLEEN                      :    0.540g  
THYMUS                      :    0.370g                      UTERUS                      :    0.358g  
-----

Gross Pathology Observations:                      None  
-----

Histo Pathology Observations:

-----  
LIVER;  
Hypertrophy; centrilobular; minimal  
-----

The following tissues were within normal limits:

-----  
ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LUNGS                      MANDIBULAR LYMPH NODE  
MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH                      RECTUM                      SCIATIC NERVE  
SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      THYROID GLAND                      TRACHEA                      URINARY BLADDER  
UTERUS                      VAGINA  
-----

Individual Animal Pathology Data

-----  
 Animal Ref.: 414                      Group: 4                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 247.5g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.083g                      BRAIN : 1.911g                      HEART : 0.970g                      KIDNEYS : 2.027g  
 LIVER : 11.103g                      LUNGS : 1.408g                      OVARIES : 0.140g                      SPLEEN : 0.690g  
 THYMUS : 0.388g                      UTERUS : 0.469g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 HEART;  
     Cardiomyopathy; minimal  
 LIVER;  
     Hypertrophy; centrilobular; minimal  
 -----

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
 FEMUR                      ILEUM                      JEJUNUM                      KIDNEYS                      LUNGS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH                      RECTUM                      SCIATIC NERVE  
 SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      THYROID GLAND                      TRACHEA                      URINARY BLADDER  
 UTERUS                      VAGINA  
 -----

Individual Animal Pathology Data

-----  
 Animal Ref.: 415                      Group: 4                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 223.3g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.084g                      BRAIN : 1.752g                      HEART : 1.088g                      KIDNEYS : 2.137g  
 LIVER : 8.730g                      LUNGS : 1.524g                      OVARIES : 0.135g                      SPLEEN : 0.543g  
 THYMUS : 0.397g                      UTERUS : 0.455g

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 CERVIX;

Cyst; keratin; present

KIDNEYS;

Chronic progressive nephropathy; minimal

LIVER;

Hypertrophy; centrilobular; minimal  
 Fatty change; median cleft; minimal  
 Inflammation, subacute; minimal

THYROID GLAND;

Hypertrophy; follicular cell; minimal

The following tissues were within normal limits:  
 -----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	COLON	DUODENUM	FEMUR
HEART	ILEUM	JEJUNUM	LUNGS	MANDIBULAR LYMPH NODE		MESENTERIC LYMPH NODE
OVARIES	OVIDUCT	PEYERS PATCH	RECTUM	SCIATIC NERVE	SPINAL CORD	SPLEEN
STOMACH	THYMUS	TRACHEA	URINARY BLADDER	UTERUS	VAGINA	



Individual Animal Pathology Data

-----  
 Animal Ref.: 416                      Group: 4                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 258.8g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.075g                      BRAIN : 1.853g                      HEART : 1.078g                      KIDNEYS : 2.125g  
 LIVER : 9.819g                      LUNGS : 1.495g                      OVARIES : 0.134g                      SPLEEN : 0.708g  
 THYMUS : 0.379g                      UTERUS : 0.478g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 LIVER;

Fatty change; median cleft; minimal  
 Inflammation, subacute; minimal

RECTUM;

Inflammation, subacute; tunica muscularis; minimal

The following tissues were within normal limits:  
 -----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	CERVIX	COLON	DUODENUM
FEMUR	HEART	ILEUM	JEJUNUM	KIDNEYS	LUNGS	MANDIBULAR LYMPH NODE
MESENTERIC LYMPH NODE		OVARIES	OVIDUCT	PEYERS PATCH	SCIATIC NERVE	SPINAL CORD
SPLEEN	STOMACH	THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER	UTERUS
VAGINA						

Individual Animal Pathology Data

-----  
 Animal Ref.: 417                      Group: 4                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 228.7g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.072g                      BRAIN : 1.814g                      HEART : 0.950g                      KIDNEYS : 2.064g  
 LIVER : 8.756g                      LUNGS : 1.347g                      OVARIES : 0.133g                      SPLEEN : 0.450g  
 THYMUS : 0.833g                      UTERUS : 0.569g

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 LIVER;  
 Inflammation, subacute; minimal

The following tissues were within normal limits:

-----  
 ADRENAL GLANDS                      BONE MARROW                      BRAIN                      CECUM                      CERVIX                      COLON                      DUODENUM  
 FEMUR                      HEART                      ILEUM                      JEJUNUM                      KIDNEYS                      LUNGS                      MANDIBULAR LYMPH NODE  
 MESENTERIC LYMPH NODE                      OVARIES                      OVIDUCT                      PEYERS PATCH                      RECTUM                      SCIATIC NERVE  
 SPINAL CORD                      SPLEEN                      STOMACH                      THYMUS                      THYROID GLAND                      TRACHEA                      URINARY BLADDER  
 UTERUS                      VAGINA

Individual Animal Pathology Data

-----  
 Animal Ref.: 418                      Group: 4                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 255.8g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.074g                      BRAIN : 1.867g                      HEART : 1.063g                      KIDNEYS : 2.499g  
 LIVER : 10.581g                      LUNGS : 1.433g                      OVARIES : 0.163g                      SPLEEN : 0.564g  
 THYMUS : 0.426g                      UTERUS : 0.558g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 LIVER;  
 Hypertrophy; centrilobular; minimal  
 Inflammation, subacute; minimal

LUNGS;  
 Histiocytosis; alveolar; minimal

The following tissues were within normal limits:  
 -----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	CERVIX	COLON	DUODENUM
FEMUR	HEART	ILEUM	JEJUNUM	KIDNEYS	MANDIBULAR LYMPH NODE	
MESENTERIC LYMPH NODE		OVARIES	OVIDUCT	PEYERS PATCH	RECTUM	SCIATIC NERVE
SPINAL CORD	SPLEEN	STOMACH	THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERUS	VAGINA					

Individual Animal Pathology Data

-----  
Animal Ref.: 419                    Group: 4                    Sex: Female                    Species: Rat                    Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                    Dose: 3000 ppm                    Route: Inhalation                    Study Type: One-generation Reproduction  
Date of Death : 06/09/06                    Study Day No. (Week): 32 (5)                    Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/09/06  
-----

Terminal Body Weight: 196.1g

Organ Weights:

-----  
ADRENAL GLANDS            :    0.094g                    BRAIN                    :    1.730g                    HEART                    :    0.900g                    KIDNEYS                    :    2.008g  
LIVER                    :    7.518g                    LUNGS                    :    1.148g                    OVARIES                    :    0.138g                    SPLEEN                    :    0.461g  
THYMUS                    :    0.291g                    UTERUS                    :    0.540g

Gross Pathology Observations:                    None  
-----

Histo Pathology Observations:

-----  
LIVER;  
  Hypertrophy; centrilobular; minimal

The following tissues were within normal limits:

-----  
ADRENAL GLANDS            BONE MARROW                    BRAIN                    CECUM                    CERVIX                    COLON                    DUODENUM  
FEMUR                    HEART                    ILEUM                    JEJUNUM                    KIDNEYS                    LUNGS                    MANDIBULAR LYMPH NODE  
MESENTERIC LYMPH NODE                    OVARIES                    OVIDUCT                    PEYERS PATCH                    RECTUM                    SCIATIC NERVE  
SPINAL CORD                    SPLEEN                    STOMACH                    THYMUS                    THYROID GLAND                    TRACHEA                    URINARY BLADDER  
UTERUS                    VAGINA

Individual Animal Pathology Data

-----  
 Animal Ref.: 420                    Group: 4                    Sex: Female                    Species: Rat                    Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                    Dose: 3000 ppm                    Route: Inhalation                    Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                    Study Day No. (Week): 32 (5)                    Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 206.6g

Organ Weights:

-----  
 ADRENAL GLANDS                    :    0.078g                    BRAIN                    :    1.902g                    HEART                    :    0.854g                    KIDNEYS                    :    1.868g  
 LIVER                    :    7.672g                    LUNGS                    :    1.190g                    OVARIES                    :    0.116g                    SPLEEN                    :    0.403g  
 THYMUS                    :    0.322g                    UTERUS                    :    0.552g

Gross Pathology Observations:                    None  
 -----

Histo Pathology Observations:

-----  
 LIVER;  
 Hypertrophy; centrilobular; minimal  
 Inflammation, subacute; minimal

The following tissues were within normal limits:  
 -----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	CERVIX	COLON	DUODENUM
FEMUR	HEART	ILEUM	JEJUNUM	KIDNEYS	LUNGS	MANDIBULAR LYMPH NODE
MESENTERIC LYMPH NODE		OVARIES	OVIDUCT	PEYERS PATCH	RECTUM	SCIATIC NERVE
SPINAL CORD	SPLEEN	STOMACH	THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERUS	VAGINA					

Individual Animal Pathology Data

-----  
Animal Ref.: 421                    Group: 4                    Sex: Female                    Species: Rat                    Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                    Dose: 3000 ppm                    Route: Inhalation                    Study Type: One-generation Reproduction  
Date of Death : 06/09/06                    Study Day No. (Week): 32 (5)                    Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/09/06  
-----

Terminal Body Weight: 215.5g

Organ Weights:

-----  
ADRENAL GLANDS                    :    0.094g                    BRAIN                    :    1.940g                    HEART                    :    0.822g<                    KIDNEYS                    :    2.065g  
LIVER                    :    8.585g                    LUNGS                    :    1.295g                    OVARIES                    :    0.106g                    SPLEEN                    :    0.578g  
THYMUS                    :    0.400g                    UTERUS                    :    0.675g

Gross Pathology Observations:                    None  
-----

Histo Pathology Observations:

-----  
CECUM;

Inflammation, subacute; minimal

LIVER;

Hypertrophy; centrilobular; minimal  
Inflammation, subacute; minimal

THYROID GLAND;

Adenoma; c-cell; incidental (MPF)

The following tissues were within normal limits:

-----  
ADRENAL GLANDS                    BONE MARROW                    BRAIN                    CERVIX                    COLON                    DUODENUM                    FEMUR  
HEART                    ILEUM                    JEJUNUM                    KIDNEYS                    LUNGS                    MANDIBULAR LYMPH NODE  
MESENTERIC LYMPH NODE                    OVARIES                    PEYERS PATCH                    RECTUM                    SCIATIC NERVE                    SPINAL CORD  
SPLEEN                    STOMACH                    THYMUS                    TRACHEA                    URINARY BLADDER                    UTERUS                    VAGINA

The following tissues have not been examined:

-----  
OVIDUCT; MISSING

Individual Animal Pathology Data

-----  
 Animal Ref.: 422                      Group: 4                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 255.6g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.082g                      BRAIN : 1.859g                      HEART : 1.040g                      KIDNEYS : 2.301g  
 LIVER : 9.470g                      LUNGS : 1.632g                      OVARIES : 0.125g                      SPLEEN : 0.513g  
 THYMUS : 0.454g                      UTERUS : 0.977g

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 KIDNEYS;  
 Chronic progressive nephropathy; minimal

LIVER;  
 Hypertrophy; centrilobular; minimal  
 Inflammation, subacute; minimal

The following tissues were within normal limits:  
 -----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	CERVIX	COLON	DUODENUM
FEMUR	HEART	ILEUM	JEJUNUM	LUNGS	MANDIBULAR LYMPH NODE	
MESENTERIC LYMPH NODE		OVARIES	OVIDUCT	PEYERS PATCH	RECTUM	SCIATIC NERVE
SPINAL CORD	SPLEEN	STOMACH	THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERUS	VAGINA					

Individual Animal Pathology Data

-----  
 Animal Ref.: 423                      Group: 4                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 213.8g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.086g                      BRAIN : 1.895g                      HEART : 0.779g<                      KIDNEYS : 2.129g  
 LIVER : 8.096g                      LUNGS : 1.116g                      OVARIES : 0.155g                      SPLEEN : 0.481g  
 THYMUS : 0.340g                      UTERUS : 0.828g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 LIVER;  
 Hypertrophy; centrilobular; minimal  
 Inflammation, subacute; minimal  
 -----

The following tissues were within normal limits:  
 -----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	CERVIX	COLON	DUODENUM
FEMUR	HEART	ILEUM	JEJUNUM	KIDNEYS	LUNGS	MANDIBULAR LYMPH NODE
MESENTERIC LYMPH NODE		OVARIES	OVIDUCT	PEYERS PATCH	RECTUM	SCIATIC NERVE
SPINAL CORD	SPLEEN	STOMACH	THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERUS	VAGINA					



Individual Animal Pathology Data

-----  
 Animal Ref.: 424                      Group: 4                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
 Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
 Date of Death : 06/09/06                      Study Day No. (Week): 32 (5)                      Mode of Death: SACRIFICE BY DESIGN  
 Date of Necropsy: 06/09/06  
 -----

Terminal Body Weight: 233.4g

Organ Weights:

-----  
 ADRENAL GLANDS : 0.093g                      BRAIN : 1.967g                      HEART : 0.993g                      KIDNEYS : 2.107g  
 LIVER : 9.196g                      LUNGS : 1.393g                      OVARIES : 0.181g                      SPLEEN : 0.606g  
 THYMUS : 0.450g                      UTERUS : 0.587g  
 -----

Gross Pathology Observations: None  
 -----

Histo Pathology Observations:

-----  
 LIVER;

Fatty change; periportal; minimal  
 Inflammation, subacute; minimal

THYROID GLAND;

Hypertrophy; follicular cell; minimal

The following tissues were within normal limits:  
 -----

ADRENAL GLANDS	BONE MARROW	BRAIN	CECUM	CERVIX	COLON	DUODENUM
FEMUR	HEART	ILEUM	JEJUNUM	KIDNEYS	LUNGS	MANDIBULAR LYMPH NODE
MESENTERIC LYMPH NODE		OVARIES	OVIDUCT	PEYERS PATCH	RECTUM	SCIATIC NERVE
SPINAL CORD	SPLEEN	STOMACH	THYMUS	TRACHEA	URINARY BLADDER	UTERUS
VAGINA						

Individual Animal Pathology Data

-----  
Animal Ref.: 125                    Group: 1                    Sex: Female                    Species: Rat                    Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                    Dose: 0 ppm                    Route: Inhalation                    Study Type: One-generation Reproduction  
Date of Death : 06/22/06                    Study Day No. (Week): 45 (7)                    Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/22/06  
-----

Terminal Body Weight: 344.5g

Organ Weights:

-----  
KIDNEYS                    :    2.757g                    LIVER                    :    16.326g                    LUNGS                    :    1.592g                    OVARIES                    :    0.149g  
UTERUS                    :    0.805g

Gross Pathology Observations:

-----  
OVARIES;  
  18 corpora lutea

UTERUS;  
  18 implant sites

PROSECTOR;  
  SWR

Individual Animal Pathology Data

-----  
Animal Ref.: 126                      Group: 1                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 0 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/22/06                      Study Day No. (Week): 45 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/22/06  
-----

Terminal Body Weight: 333g

Organ Weights:

-----  
KIDNEYS                      :    2.350g                      LIVER                      :    15.017g                      LUNGS                      :    1.526g                      OVARIES                      :    0.125g  
UTERUS                      :    0.692g

Gross Pathology Observations:

-----  
OVARIES;  
  14 corpora lutea

UTERUS;  
  14 implant sites

PROSECTOR;  
  SWR

Individual Animal Pathology Data

-----  
Animal Ref.: 127                    Group: 1                    Sex: Female                    Species: Rat                    Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                    Dose: 0 ppm                    Route: Inhalation                    Study Type: One-generation Reproduction  
Date of Death : 06/22/06                    Study Day No. (Week): 45 (7)                    Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/22/06  
-----

Terminal Body Weight: 317.6g

Organ Weights:

-----  
KIDNEYS                    :    2.431g                    LIVER                    :    14.987g                    LUNGS                    :    1.586g                    OVARIES                    :    0.138g  
UTERUS                    :    0.870g

Gross Pathology Observations:

-----  
OVARIES;  
  17 corpora lutea

UTERUS;  
  17 implant sites

PROSECTOR;  
  DPF

Individual Animal Pathology Data

-----  
Animal Ref.: 128                    Group: 1                    Sex: Female                    Species: Rat                    Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                    Dose: 0 ppm                    Route: Inhalation                    Study Type: One-generation Reproduction  
Date of Death : 06/21/06                    Study Day No. (Week): 44 (7)                    Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/21/06  
-----

Terminal Body Weight: 332.4g

Organ Weights:

-----  
KIDNEYS                    :    2.497g                    LIVER                    :    15.276g                    LUNGS                    :    1.739g                    OVARIES                    :    0.158g  
UTERUS                    :    0.762g

Gross Pathology Observations:

-----  
OVARIES;  
  18 corpora lutea

UTERUS;  
  18 implant sites

PROSECTOR;  
  SWR

Individual Animal Pathology Data

-----  
Animal Ref.: 129                    Group: 1                    Sex: Female                    Species: Rat                    Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                    Dose: 0 ppm                    Route: Inhalation                    Study Type: One-generation Reproduction  
Date of Death : 06/21/06                    Study Day No. (Week): 44 (7)                    Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/21/06  
-----

Terminal Body Weight: 321g

Organ Weights:

-----  
KIDNEYS                    :    2.593g                    LIVER                    :    12.976g                    LUNGS                    :    1.452g                    OVARIES                    :    0.140g  
UTERUS                    :    0.972g

Gross Pathology Observations:

-----  
OVARIES;  
  16 corpora lutea

UTERUS;  
  16 implant sites

PROSECTOR;  
  DPF

Individual Animal Pathology Data

-----  
Animal Ref.: 130                    Group: 1                    Sex: Female                    Species: Rat                    Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                    Dose: 0 ppm                    Route: Inhalation                    Study Type: One-generation Reproduction  
Date of Death : 06/22/06                    Study Day No. (Week): 45 (7)                    Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/22/06  
-----

Terminal Body Weight: 307.7g

Organ Weights:

-----  
KIDNEYS                    :    2.485g                    LIVER                    :    13.807g                    LUNGS                    :    1.459g                    OVARIES                    :    0.166g  
UTERUS                    :    0.644g

Gross Pathology Observations:

-----  
KIDNEYS;  
  pelvis  
  Dilatation; right

OVARIES;  
  15 corpora lutea

UTERUS;  
  15 implant sites

PROSECTOR;  
  JLH

Individual Animal Pathology Data

-----  
Animal Ref.: 131                    Group: 1                    Sex: Female                    Species: Rat                    Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                    Dose: 0 ppm                    Route: Inhalation                    Study Type: One-generation Reproduction  
Date of Death : 06/19/06                    Study Day No. (Week): 42 (6)                    Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 12/13/06  
-----

Terminal Body Weight: 283.7g

Organ Weights:

-----  
KIDNEYS                    :    2.317g                    LIVER                    :    12.816g                    LUNGS                    :    1.497g                    OVARIES                    :    0.147g  
UTERUS                    :    0.676g

Gross Pathology Observations:

-----  
OVARIES;  
  13 corpora lutea

UTERUS;  
  12 implant sites



Individual Animal Pathology Data

-----  
Animal Ref.: 132                      Group: 1                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 0 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/21/06                      Study Day No. (Week): 44 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/21/06  
-----

Terminal Body Weight: 334.1g

Organ Weights:

-----  
KIDNEYS                      :    2.191g                      LIVER                      :    15.203g                      LUNGS                      :    1.470g                      OVARIES                      :    0.131g  
UTERUS                      :    0.737g

Gross Pathology Observations:

-----  
OVARIES;  
  15 corpora lutea

UTERUS;  
  15 implant sites

PROSECTOR;  
  DPF

Individual Animal Pathology Data

-----  
Animal Ref.: 133                    Group: 1                    Sex: Female                    Species: Rat                    Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                    Dose: 0 ppm                    Route: Inhalation                    Study Type: One-generation Reproduction  
Date of Death : 06/21/06                    Study Day No. (Week): 44 (7)                    Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/21/06  
-----

Terminal Body Weight: 336.3g

Organ Weights:

-----  
KIDNEYS                    :    2.654g                    LIVER                    :    14.693g                    LUNGS                    :    1.488g                    OVARIES                    :    0.159g  
UTERUS                    :    0.753g

Gross Pathology Observations:

-----  
OVARIES;  
  17 corpora lutea

UTERUS;  
  17 implant sites

PROSECTOR;  
  DPF

Individual Animal Pathology Data

-----  
Animal Ref.: 134                    Group: 1                    Sex: Female                    Species: Rat                    Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                    Dose: 0 ppm                    Route: Inhalation                    Study Type: One-generation Reproduction  
Date of Death : 06/20/06                    Study Day No. (Week): 43 (7)                    Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/20/06  
-----

Terminal Body Weight: 286.3g

Organ Weights:

-----  
KIDNEYS                    :    2.174g                    LIVER                    :    13.142g                    LUNGS                    :    1.471g                    OVARIES                    :    0.115g  
UTERUS                    :    0.781g

Gross Pathology Observations:

-----  
OVARIES;  
  15 corpora lutea

SKIN;  
  hindquarter  
  left; Alopecia

UTERUS;  
  15 implant sites

PROSECTOR;  
  SWR

Individual Animal Pathology Data

-----  
Animal Ref.: 135                      Group: 1                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 0 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/21/06                      Study Day No. (Week): 44 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/21/06  
-----

Terminal Body Weight: 276.3g

Organ Weights:

-----  
KIDNEYS                      :    1.959g                      LIVER                      :    11.944g                      LUNGS                      :    1.419g                      OVARIES                      :    0.137g  
UTERUS                      :    0.527g

Gross Pathology Observations:

-----  
OVARIES;  
  17 corpora lutea

UTERUS;  
  17 implant sites

PROSECTOR;  
  JPJ

Individual Animal Pathology Data

-----  
Animal Ref.: 136                      Group: 1                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 0 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/22/06                      Study Day No. (Week): 45 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/22/06  
-----

Terminal Body Weight: 351.9g

Organ Weights:

-----  
KIDNEYS                      :    2.637g                      LIVER                      :    16.790g                      LUNGS                      :    1.651g                      OVARIES                      :    0.186g  
UTERUS                      :    0.954g

Gross Pathology Observations:

-----  
OVARIES;  
  17 corpora lutea

UTERUS;  
  17 implant sites

PROSECTOR;  
  JLH

Individual Animal Pathology Data

-----  
Animal Ref.: 225                    Group: 2                    Sex: Female                    Species: Rat                    Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                    Dose: 100 ppm                    Route: Inhalation                    Study Type: One-generation Reproduction  
Date of Death : 06/20/06                    Study Day No. (Week): 43 (7)                    Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/20/06  
-----

Terminal Body Weight: 328.8g

Organ Weights:

-----  
KIDNEYS                    :    2.277g                    LIVER                    :    14.027g                    LUNGS                    :    1.579g                    OVARIES                    :    0.169g  
UTERUS                    :    0.997g

Gross Pathology Observations:

-----  
OVARIES;  
  12 corpora lutea

UTERUS;  
  12 implant sites

PROSECTOR;  
  DPF

Individual Animal Pathology Data

-----  
Animal Ref.: 226                      Group: 2                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/20/06                      Study Day No. (Week): 43 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/20/06  
-----

Terminal Body Weight: 271g

Organ Weights:

-----  
KIDNEYS                      :    2.065g                      LIVER                      :    11.872g                      LUNGS                      :    1.345g                      OVARIES                      :    0.131g  
UTERUS                      :    0.760g

Gross Pathology Observations:

-----  
OVARIES;  
  12 corpora lutea

UTERUS;  
  12 implant sites

PROSECTOR;  
  DPF

Individual Animal Pathology Data

-----  
Animal Ref.: 227                      Group: 2                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/20/06                      Study Day No. (Week): 43 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/20/06  
-----

Terminal Body Weight: 348.9g

Organ Weights:

-----  
KIDNEYS                      :    2.557g                      LIVER                      :    14.822g                      LUNGS                      :    1.532g                      OVARIES                      :    0.148g  
UTERUS                      :    0.688g

Gross Pathology Observations:

-----  
OVARIES;  
  16 corpora lutea

UTERUS;  
  16 implant sites

PROSECTOR;  
  SWR



Individual Animal Pathology Data

-----  
Animal Ref.: 228                    Group: 2                    Sex: Female                    Species: Rat                    Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                    Dose: 100 ppm                    Route: Inhalation                    Study Type: One-generation Reproduction  
Date of Death : 06/21/06                    Study Day No. (Week): 44 (7)                    Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/21/06  
-----

Terminal Body Weight: 333.8g

Organ Weights:

-----  
KIDNEYS                    :    2.366g                    LIVER                    :    14.239g                    LUNGS                    :    1.567g                    OVARIES                    :    0.125g  
UTERUS                    :    0.843g

Gross Pathology Observations:

-----  
OVARIES;  
  18 corpora lutea

UTERUS;  
  18 implant sites

PROSECTOR;  
  SWR

Individual Animal Pathology Data

-----  
Animal Ref.: 229                    Group: 2                    Sex: Female                    Species: Rat                    Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                    Dose: 100 ppm                    Route: Inhalation                    Study Type: One-generation Reproduction  
Date of Death : 06/20/06                    Study Day No. (Week): 43 (7)                    Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/20/06  
-----

Terminal Body Weight: 328.4g

Organ Weights:

-----  
KIDNEYS                    :    2.307g                    LIVER                    :    13.917g                    LUNGS                    :    1.442g                    OVARIES                    :    0.144g  
UTERUS                    :    0.838g

Gross Pathology Observations:

-----  
OVARIES;  
  14 corpora lutea

UTERUS;  
  14 implant sites

PROSECTOR;  
  JPJ

Individual Animal Pathology Data

-----  
Animal Ref.: 230                      Group: 2                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/22/06                      Study Day No. (Week): 45 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/22/06  
-----

Terminal Body Weight: 343.5g

Organ Weights:

-----  
KIDNEYS                      :    2.564g                      LIVER                      :    16.608g                      LUNGS                      :    1.561g                      OVARIES                      :    0.156g  
UTERUS                      :    0.855g

Gross Pathology Observations:

-----  
OVARIES;  
  16 corpora lutea

UTERUS;  
  16 implant sites

PROSECTOR;  
  DPF

Individual Animal Pathology Data

-----  
Animal Ref.: 231                      Group: 2                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/21/06                      Study Day No. (Week): 44 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/21/06  
-----

Terminal Body Weight: 344.9g

Organ Weights:

-----  
KIDNEYS                      :    2.243g                      LIVER                      :    12.766g                      LUNGS                      :    1.479g                      OVARIES                      :    0.128g  
UTERUS                      :    0.643g

Gross Pathology Observations:

-----  
OVARIES;  
  16 corpora lutea

UTERUS;  
  16 implant sites

PROSECTOR;  
  SWR

Individual Animal Pathology Data

-----  
Animal Ref.: 232                    Group: 2                    Sex: Female                    Species: Rat                    Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                    Dose: 100 ppm                    Route: Inhalation                    Study Type: One-generation Reproduction  
Date of Death : 06/20/06                    Study Day No. (Week): 43 (7)                    Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/20/06  
-----

Terminal Body Weight: 336.4g

Organ Weights:

-----  
KIDNEYS                    :    2.534g                    LIVER                    :    15.032g                    LUNGS                    :    1.480g                    OVARIES                    :    0.160g  
UTERUS                    :    0.754g

Gross Pathology Observations:

-----  
OVARIES;  
  17 corpora lutea

UTERUS;  
  17 implant sites

PROSECTOR;  
  JPJ

Individual Animal Pathology Data

-----  
Animal Ref.: 233                      Group: 2                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/21/06                      Study Day No. (Week): 44 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/21/06  
-----

Terminal Body Weight: 281.1g

Organ Weights:

-----  
KIDNEYS                      :    2.163g                      LIVER                      :    12.089g                      LUNGS                      :    1.294g                      OVARIES                      :    0.136g  
UTERUS                      :    0.791g

Gross Pathology Observations:

-----  
OVARIES;  
  16 corpora lutea

UTERUS;  
  16 implant sites

PROSECTOR;  
  JPJ

Individual Animal Pathology Data

-----  
Animal Ref.: 234                      Group: 2                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/20/06                      Study Day No. (Week): 43 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/20/06  
-----

Terminal Body Weight: 297.9g

Organ Weights:

-----  
KIDNEYS                      :    2.247g                      LIVER                      :    13.033g                      LUNGS                      :    1.400g                      OVARIES                      :    0.153g  
UTERUS                      :    0.618g

Gross Pathology Observations:

-----  
OVARIES;  
  14 corpora lutea

UTERUS;  
  14 implant sites

PROSECTOR;  
  SWR

Individual Animal Pathology Data

-----  
Animal Ref.: 235                      Group: 2                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/21/06                      Study Day No. (Week): 44 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/21/06  
-----

Terminal Body Weight: 309.9g

Organ Weights:

-----  
KIDNEYS                      :    2.463g                      LIVER                      :    12.788g                      LUNGS                      :    1.467g                      OVARIES                      :    0.152g  
UTERUS                      :    0.773g

Gross Pathology Observations:

-----  
OVARIES;  
  16 corpora lutea

UTERUS;  
  16 implant sites

PROSECTOR;  
  JPJ



Individual Animal Pathology Data

-----  
Animal Ref.: 236                      Group: 2                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 100 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/21/06                      Study Day No. (Week): 44 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/21/06  
-----

Terminal Body Weight: 303.4g

Organ Weights:

-----  
KIDNEYS                      :    2.439g                      LIVER                      :    14.183g                      LUNGS                      :    1.350g                      OVARIES                      :    0.144g  
UTERUS                      :    0.712g

Gross Pathology Observations:

-----  
OVARIES;  
  16 corpora lutea

UTERUS;  
  16 implant sites

PROSECTOR;  
  JPJ

Individual Animal Pathology Data

-----  
Animal Ref.: 325                      Group: 3                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/22/06                      Study Day No. (Week): 45 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/22/06  
-----

Terminal Body Weight: 307.4g

Organ Weights:

-----  
KIDNEYS                      :    2.422g                      LIVER                      :    14.498g                      LUNGS                      :    1.395g                      OVARIES                      :    0.144g  
UTERUS                      :    0.583g

Gross Pathology Observations:

-----  
OVARIES;  
  16 corpora lutea

UTERUS;  
  16 implant sites

PROSECTOR;  
  JPJ

Individual Animal Pathology Data

-----  
Animal Ref.: 326                      Group: 3                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/21/06                      Study Day No. (Week): 44 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/21/06  
-----

Terminal Body Weight: 358.6g

Organ Weights:

-----  
KIDNEYS                      :    2.610g                      LIVER                      :    15.499g                      LUNGS                      :    1.775g                      OVARIES                      :    0.171g  
UTERUS                      :    0.606g

Gross Pathology Observations:

-----  
OVARIES;  
  16 corpora lutea

UTERUS;  
  16 implant sites

PROSECTOR;  
  JPJ

Individual Animal Pathology Data

-----  
Animal Ref.: 327                      Group: 3                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/21/06                      Study Day No. (Week): 44 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/21/06  
-----

Terminal Body Weight: 332.2g

Organ Weights:

-----  
KIDNEYS                      :    2.370g                      LIVER                      :    14.712g                      LUNGS                      :    1.572g                      OVARIES                      :    0.147g  
UTERUS                      :    0.694g

Gross Pathology Observations:

-----  
OVARIES;  
  17 corpora lutea

UTERUS;  
  17 implant sites

PROSECTOR;  
  JPJ

Individual Animal Pathology Data

-----  
Animal Ref.: 328                      Group: 3                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/21/06                      Study Day No. (Week): 44 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/21/06  
-----

Terminal Body Weight: 315g

Organ Weights:

-----  
KIDNEYS                      :    2.385g                      LIVER                      :    13.549g                      LUNGS                      :    1.596g                      OVARIES                      :    0.132g  
UTERUS                      :    0.803g

Gross Pathology Observations:

-----  
OVARIES;  
  16 corpora lutea

UTERUS;  
  16 implant sites

PROSECTOR;  
  JPJ

Individual Animal Pathology Data

-----  
Animal Ref.: 329                    Group: 3                    Sex: Female                    Species: Rat                    Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                    Dose: 500 ppm                    Route: Inhalation                    Study Type: One-generation Reproduction  
Date of Death : 06/21/06                    Study Day No. (Week): 44 (7)                    Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/21/06  
-----

Terminal Body Weight: 317.8g

Organ Weights:

-----  
KIDNEYS                    :    2.266g                    LIVER                    :    13.458g                    LUNGS                    :    1.703g                    OVARIES                    :    0.159g  
UTERUS                    :    0.863g

Gross Pathology Observations:

-----  
OVARIES;  
  15 corpora lutea

UTERUS;  
  15 implant sites

PROSECTOR;  
  SWR

Individual Animal Pathology Data

-----  
Animal Ref.: 330                      Group: 3                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/22/06                      Study Day No. (Week): 45 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/22/06  
-----

Terminal Body Weight: 333.5g

Organ Weights:

-----  
KIDNEYS                      :    2.331g                      LIVER                      :    14.938g                      LUNGS                      :    1.399g                      OVARIES                      :    0.149g  
UTERUS                      :    0.874g

Gross Pathology Observations:

-----  
OVARIES;  
  18 corpora lutea

UTERUS;  
  18 implant sites

PROSECTOR;  
  JPJ

Individual Animal Pathology Data

-----  
Animal Ref.: 331                      Group: 3                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/22/06                      Study Day No. (Week): 45 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/22/06  
-----

Terminal Body Weight: 320.8g

Organ Weights:

-----  
KIDNEYS                      :    2.377g                      LIVER                      :    15.453g                      LUNGS                      :    1.437g                      OVARIES                      :    0.141g  
UTERUS                      :    0.697g

Gross Pathology Observations:

-----  
OVARIES;  
  17 corpora lutea

UTERUS;  
  17 implant sites

PROSECTOR;  
  JPJ



Individual Animal Pathology Data

-----  
Animal Ref.: 332                    Group: 3                    Sex: Female                    Species: Rat                    Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                    Dose: 500 ppm                    Route: Inhalation                    Study Type: One-generation Reproduction  
Date of Death : 06/20/06                    Study Day No. (Week): 43 (7)                    Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/20/06  
-----

Terminal Body Weight: 310.2g

Organ Weights:

-----  
KIDNEYS                    :    2.716g                    LIVER                    :    14.410g                    LUNGS                    :    1.404g                    OVARIES                    :    0.146g  
UTERUS                    :    0.742g

Gross Pathology Observations:

-----  
OVARIES;  
  13 corpora lutea

UTERUS;  
  13 implant sites

PROSECTOR;  
  DPF

Individual Animal Pathology Data

-----  
Animal Ref.: 333                    Group: 3                    Sex: Female                    Species: Rat                    Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                    Dose: 500 ppm                    Route: Inhalation                    Study Type: One-generation Reproduction  
Date of Death : 06/20/06                    Study Day No. (Week): 43 (7)                    Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/20/06  
-----

Terminal Body Weight: 322.3g

Organ Weights:

-----  
KIDNEYS                    :    2.617g                    LIVER                    :    14.204g                    LUNGS                    :    1.421g                    OVARIES                    :    0.146g  
UTERUS                    :    0.971g

Gross Pathology Observations:

-----  
OVARIES;  
  17 corpora lutea

UTERUS;  
  17 implant sites

PROSECTOR;  
  JPJ

Individual Animal Pathology Data

-----  
Animal Ref.: 334                      Group: 3                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/22/06                      Study Day No. (Week): 45 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/22/06  
-----

Terminal Body Weight: 289.8g

Organ Weights:

-----  
KIDNEYS                      :    2.026g                      LIVER                      :    13.840g                      LUNGS                      :    1.425g                      OVARIES                      :    0.159g  
UTERUS                      :    0.746g

Gross Pathology Observations:

-----  
OVARIES;  
  16 corpora lutea

UTERUS;  
  16 implant sites

PROSECTOR;  
  DPF

Individual Animal Pathology Data

-----  
Animal Ref.: 335                      Group: 3                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/20/06                      Study Day No. (Week): 43 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/20/06  
-----

Terminal Body Weight: 323.2g

Organ Weights:

-----  
KIDNEYS                      :    2.402g                      LIVER                      :    15.233g                      LUNGS                      :    1.541g                      OVARIES                      :    0.145g  
UTERUS                      :    0.697g

Gross Pathology Observations:

-----  
OVARIES;  
  15 corpora lutea

UTERUS;  
  15 implant sites

PROSECTOR;  
  DPF

Individual Animal Pathology Data

-----  
Animal Ref.: 336                      Group: 3                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 500 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/19/06                      Study Day No. (Week): 42 (6)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/19/06  
-----

Terminal Body Weight: 302g

Organ Weights:

-----  
KIDNEYS                      :    2.610g                      LIVER                      :    13.605g                      LUNGS                      :    1.563g                      OVARIES                      :    0.126g  
UTERUS                      :    0.629g

Gross Pathology Observations:

-----  
OVARIES;  
  15 corpora lutea  
  
UTERUS;  
  15 implant sites

Individual Animal Pathology Data

-----  
Animal Ref.: 425                      Group: 4                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/22/06                      Study Day No. (Week): 45 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/22/06  
-----

Terminal Body Weight: 298.2g

Organ Weights:

-----  
KIDNEYS                      :    2.384g                      LIVER                      :    13.903g                      LUNGS                      :    1.600g                      OVARIES                      :    0.158g  
UTERUS                      :    0.772g

Gross Pathology Observations:

-----  
OVARIES;  
  16 corpora lutea

UTERUS;  
  16 implant sites

PROSECTOR;  
  JPJ

Individual Animal Pathology Data

-----  
Animal Ref.: 426                      Group: 4                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/19/06                      Study Day No. (Week): 42 (6)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/19/06  
-----

Terminal Body Weight: 301g

Organ Weights:

-----  
KIDNEYS                      :    2.286g                      LIVER                      :    14.340g                      LUNGS                      :    1.655g                      OVARIES                      :    0.159g  
UTERUS                      :    0.699g

Gross Pathology Observations:

-----  
OVARIES;  
  15 corpora lutea  
  
UTERUS;  
  15 implant sites

Individual Animal Pathology Data

-----  
Animal Ref.: 427                      Group: 4                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/20/06                      Study Day No. (Week): 43 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/20/06  
-----

Terminal Body Weight: 314.1g

Organ Weights:

-----  
KIDNEYS                      :    2.414g                      LIVER                      :    15.918g                      LUNGS                      :    1.692g                      OVARIES                      :    0.143g  
UTERUS                      :    0.716g

Gross Pathology Observations:

-----  
OVARIES;  
  19 corpora lutea

UTERUS;  
  19 implant sites

PROSECTOR;  
  SWR



Individual Animal Pathology Data

-----  
Animal Ref.: 428                      Group: 4                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/21/06                      Study Day No. (Week): 44 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/21/06  
-----

Terminal Body Weight: 309.3g

Organ Weights:

-----  
KIDNEYS                      :    2.310g                      LIVER                      :    15.155g                      LUNGS                      :    1.523g                      OVARIES                      :    0.130g  
UTERUS                      :    0.739g

Gross Pathology Observations:

-----  
OVARIES;  
  14 corpora lutea

UTERUS;  
  14 implant sites

PROSECTOR;  
  SWR

Individual Animal Pathology Data

-----  
Animal Ref.: 429                      Group: 4                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/19/06                      Study Day No. (Week): 42 (6)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/19/06  
-----

Terminal Body Weight: 304.4g

Organ Weights:

-----  
KIDNEYS                      :    2.240g                      LIVER                      :    13.433g                      LUNGS                      :    1.321g                      OVARIES                      :    0.149g  
UTERUS                      :    0.858g

Gross Pathology Observations:

-----  
OVARIES;  
  13 corpora lutea

UTERUS;  
  13 implant sites

Naphtha, Petroleum, Heavy Straight-Run: Combined Repeated Dose Toxicity Study  
With the Reproduction/Developmental Toxicity Screening Test in Rats

DuPont-18331

Individual Animal Pathology Data

-----  
Animal Ref.: 430                    Group: 4                    Sex: Female                    Species: Rat                    Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                    Dose: 3000 ppm                    Route: Inhalation                    Study Type: One-generation Reproduction  
Date of Death : 07/02/06                    Study Day No. (Week): 55 (8)                    Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 07/03/06                    \*\* NECROPSY INCOMPLETE \*\*  
-----

\*\* EXAMINATION INCOMPLETE \*\*  
-----

Terminal Body Weight: 277g

Organ Weights:  
-----

KIDNEYS                    :    2.174g                    LIVER                    :    11.900g                    LUNGS                    :    1.400g                    OVARIES                    :    0.130g  
UTERUS                    :    0.692g

Gross Pathology Observations:  
-----

UTERUS;  
  implantation sites 0.

PROSECTOR;  
  DPF

Any remaining protocol required tissues, which have been examined, have no visible lesions

Histo Pathology Observations:    None  
-----

The following tissues were within normal limits:  
-----

CERVIX                    OVARIES                    OVIDUCT                    UTERUS                    VAGINA

No observations recorded for the following protocol required tissues:  
-----

ADRENAL GLANDS                    BONE MARROW                    BRAIN                    CECUM                    COLON                    DUODENUM                    FEMUR  
HEART                    ILEUM                    JEJUNUM                    KIDNEYS                    LIVER                    LUNGS                    MANDIBULAR LYMPH NODE  
MESENTERIC LYMPH NODE                    PEYERS PATCH                    RECTUM                    SCIATIC NERVE                    SPINAL CORD                    SPLEEN  
STOMACH                    THYMUS                    THYROID GLAND                    TRACHEA                    URINARY BLADDER

Individual Animal Pathology Data

-----  
Animal Ref.: 431                      Group: 4                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/19/06                      Study Day No. (Week): 42 (6)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/19/06  
-----

Terminal Body Weight: 288.6g

Organ Weights:

-----  
KIDNEYS                      :    1.801g                      LIVER                      :    12.855g                      LUNGS                      :    1.504g                      OVARIES                      :    0.101g  
UTERUS                      :    0.919g

Gross Pathology Observations:

-----  
OVARIES;  
  14 corpora lutea  
  
UTERUS;  
  13 implant sites

Individual Animal Pathology Data

-----  
Animal Ref.: 432                      Group: 4                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/22/06                      Study Day No. (Week): 45 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/22/06  
-----

Terminal Body Weight: 319.3g

Organ Weights:

-----  
KIDNEYS                      :    2.460g                      LIVER                      :    15.345g                      LUNGS                      :    1.574g                      OVARIES                      :    0.143g  
UTERUS                      :    0.641g

Gross Pathology Observations:

-----  
OVARIES;  
  16 corpora lutea

UTERUS;  
  16 implant sites

PROSECTOR;  
  SWR

Individual Animal Pathology Data

-----  
Animal Ref.: 433                      Group: 4                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/20/06                      Study Day No. (Week): 43 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/20/06  
-----

Terminal Body Weight: 260.6g

Organ Weights:

-----  
KIDNEYS                      :    2.120g                      LIVER                      :    10.404g                      LUNGS                      :    1.190g                      OVARIES                      :    0.113g  
UTERUS                      :    0.673g

Gross Pathology Observations:

-----  
OVARIES;  
  10 corpora lutea

UTERUS;  
  10 implant sites

PROSECTOR;  
  JPJ

Individual Animal Pathology Data

-----  
Animal Ref.: 434                      Group: 4                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/20/06                      Study Day No. (Week): 43 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/20/06  
-----

Terminal Body Weight: 268.1g

Organ Weights:

-----  
KIDNEYS                      :    2.013g                      LIVER                      :    13.537g                      LUNGS                      :    1.257g                      OVARIES                      :    0.144g  
UTERUS                      :    0.702g

Gross Pathology Observations:

-----  
OVARIES;  
  15 corpora lutea

UTERUS;  
  15 implant sites

PROSECTOR;  
  JPJ

Individual Animal Pathology Data

-----  
Animal Ref.: 435                      Group: 4                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/22/06                      Study Day No. (Week): 45 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/22/06  
-----

Terminal Body Weight: 296.4g

Organ Weights:

-----  
KIDNEYS                      :    2.496g                      LIVER                      :    14.414g                      LUNGS                      :    1.554g                      OVARIES                      :    0.156g  
UTERUS                      :    0.878g

Gross Pathology Observations:

-----  
OVARIES;  
  15 corpora lutea

UTERUS;  
  15 implant sites

PROSECTOR;  
  JLH



Individual Animal Pathology Data

-----  
Animal Ref.: 436                      Group: 4                      Sex: Female                      Species: Rat                      Strain: Crl:CD(SD)  
Test Material: Highly Naphthenic Naphtha                      Dose: 3000 ppm                      Route: Inhalation                      Study Type: One-generation Reproduction  
Date of Death : 06/22/06                      Study Day No. (Week): 45 (7)                      Mode of Death: SACRIFICE BY DESIGN  
Date of Necropsy: 06/22/06  
-----

Terminal Body Weight: 301.2g

Organ Weights:

-----  
KIDNEYS                      :    2.526g                      LIVER                      :    14.082g                      LUNGS                      :    1.386g                      OVARIES                      :    0.155g  
UTERUS                      :    0.860g

Gross Pathology Observations:

-----  
OVARIES;  
  19 corpora lutea

UTERUS;  
  19 implant sites

PROSECTOR;  
  JLH

**Appendix UU**  
**Microscopic Observations Listing Individual Animals Affected in Satellite Rats**

Microscopic Observations Listing Individual Animals Affected in Satellite Rats

-----  
 Removal Reason: All of those selected

FEMALES  
 -----  
 Group : 4  
 3000 ppm

	-----
CERVIX;	
Examined .....	(1)
Within Normal Limits .....	430
OVARIES;	
Examined .....	(1)
Within Normal Limits .....	430
OVIDUCT;	
Examined .....	(1)
Within Normal Limits .....	430
UTERUS;	
Examined .....	(1)
Within Normal Limits .....	430
VAGINA;	
Examined .....	(1)
Within Normal Limits .....	430

**Appendix VV**  
**Water and Feed Analysis Reports**

Certified Papers Retrieval

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Return to Certified Analysis Retrieval

Product Code: 5002  
 Product Desc: CERTIFIED RODENT DIET  
 Lab Number: L0611757-3  
 Lot Code: FEB 02 06 1C  
 Entered: 2/13/2006

Assay	Analysis	Units
PROTEIN	21.4	%
FAT ACID (HYDRO.)	5.47	%
FIBER (CRUDE)	4.04	%
ARSENIC	LESS THAN 0.2	PPM
CADMIUM	0.0596	PPM
CALCIUM	0.9392	%
LEAD	0.175	PPM
MERCURY	LESS THAN 0.025	PPM
PHOSPHORUS	0.6777	%
SELENIUM	0.336	PPM

ORGANOPHOSPHATES	PPM	ORGANOPHOSPHATES	PPM
Diazinon	LESS THAN 0.02	Disulfoton	LESS THAN 0.02
Ethion	LESS THAN 0.02	Malathion	0.02
Methyl Parathion	LESS THAN 0.02	Parathion	LESS THAN 0.02
Thimet	LESS THAN 0.02	Thiodan	LESS THAN 0.02
Trithion	LESS THAN 0.02		

PESTICIDES AND PCB	PPM	PESTICIDES AND PCB	PPM
Aldrin	LESS THAN 0.02	Alpha-BHC	LESS THAN 0.02
Beta-BHC	LESS THAN 0.02	Chlordane	LESS THAN 0.02
DDE	LESS THAN 0.02	DDT	LESS THAN 0.02
Delta-BHC	LESS THAN 0.02	Dieldrin	LESS THAN 0.02
Endrin	LESS THAN 0.02	HCB	LESS THAN 0.02
Heptachlor	LESS THAN 0.02	Heptachlor Epoxide	LESS THAN 0.02
Lindane	LESS THAN 0.02	Methoxychlor	LESS THAN 0.02

[http://www.labdiet.com/certified/pwa\\_spc002.asp](http://www.labdiet.com/certified/pwa_spc002.asp)

4/19/2006

Certified Papers Retrieval

Page 2 of 2

Mirex	LESS THAN 0.02	PCB	LESS THAN 0.15
AFLATOXINS	PPB Aflatoxins	LESS THAN 5	

No notes.

For additional information, please contact:

- 1) Customer Service at (314) 982-1310 -- for assay methodology
- 2) Dr. Dorrance Haught at (314) 317-5178 -- for nutritional interpretation
- 3) Richmond, IN Manufacturing Plant at (765) 962-9561 -- all other questions

The term "Less Than" is used to signify the lower limit of quantitation of the procedure under the conditions employed.  
The use of the term "Less Than" does not imply that traces of analyte were present.

Certified Papers Retrieval

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Return to Certified Analysis Retrieval

Product Code: 5002  
 Product Desc: CERTIFIED RODENT DIET  
 Lab Number: L0612463-2  
 Lot Code: FEB 14 06 1B  
 Entered: 3/3/2006

Assay	Analysis	Units
PROTEIN	21.2	%
FAT ACID (HYDRO.)	5.53	%
FIBER (CRUDE)	4.08	%
ARSENIC	LESS THAN 0.2	PPM
CADMIUM	0.0514	PPM
CALCIUM	0.9411	%
LEAD	0.263	PPM
MERCURY	LESS THAN 0.025	PPM
PHOSPHORUS	0.6669	%
SELENIUM	0.269	PPM

ORGANOPHOSPHATES	PPM	ORGANOPHOSPHATES	PPM
Diazinon	LESS THAN 0.02	Disulfoton	LESS THAN 0.02
Ethion	LESS THAN 0.02	Malathion	LESS THAN 0.02
Methyl Parathion	LESS THAN 0.02	Parathion	LESS THAN 0.02
Thimet	LESS THAN 0.02	Thiodan	LESS THAN 0.02
Triethion	LESS THAN 0.02		

PESTICIDES AND PCB	PPM	PESTICIDES AND PCB	PPM
Aldrin	LESS THAN 0.02	Alpha-BHC	LESS THAN 0.02
Beta-BHC	LESS THAN 0.02	Chlordane	LESS THAN 0.02
DDE	LESS THAN 0.02	DDT	LESS THAN 0.02
Delta-BHC	LESS THAN 0.02	Dieldrin	LESS THAN 0.02
Endrin	LESS THAN 0.02	HCB	LESS THAN 0.02
Heptachlor	LESS THAN 0.02	Heptachlor Epoxide	LESS THAN 0.02
Lindane	LESS THAN 0.02	Methoxychlor	LESS THAN 0.02

[http://www.labdiet.com/certified/pwa\\_spc002.asp](http://www.labdiet.com/certified/pwa_spc002.asp)

4/19/2006

Certified Papers Retrieval

Page 2 of 2

Mirex	LESS THAN 0.02	PCB	LESS THAN 0.15
AFLATOXINS	PPB Aflatoxins	LESS THAN 5	

No notes.

For additional information, please contact:

- 1) Customer Service at (314) 982-1310 -- for assay methodology
- 2) Dr. Dorrance Haught at (314) 317-5178 -- for nutritional interpretation
- 3) Richmond, IN Manufacturing Plant at (765) 962-9561 -- all other questions

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Certified Papers Retrieval

Page 1 of 2



Return to Certified Analysis Retrieval

Product Code: 5002  
 Product Desc: CERTIFIED RODENT DIET  
 Lab Number: L0614500-3  
 Lot Code: MAR 25 06 1C  
 Entered: 4/14/2006

Assay	Analysis	Units
PROTEIN	21.3	%
FAT ACID (HYDRO.)	5.32	%
FIBER (CRUDE)	4.2	%
ARSENIC	LESS THAN 0.2	PPM
CADMIUM	0.104	PPM
CALCIUM	0.8133	%
LEAD	0.173	PPM
MERCURY	LESS THAN 0.025	PPM
PHOSPHORUS	0.5701	%
SELENIUM	0.321	PPM

ORGANOPHOSPHATES	PPM	ORGANOPHOSPHATES	PPM
Diazinon	LESS THAN 0.02	Disulfoton	LESS THAN 0.02
Ethion	LESS THAN 0.02	Malathion	LESS THAN 0.02
Methyl Parathion	LESS THAN 0.02	Parathion	LESS THAN 0.02
Thimet	LESS THAN 0.02	Thiodan	LESS THAN 0.02
Trithion	LESS THAN 0.02		

PESTICIDES AND PCB	PPM	PESTICIDES AND PCB	PPM
Aldrin	LESS THAN 0.02	Alpha-BHC	LESS THAN 0.02
Beta-BHC	LESS THAN 0.02	Chlordane	LESS THAN 0.02
DDE	LESS THAN 0.02	DDT	LESS THAN 0.02
Delta-BHC	LESS THAN 0.02	Dieldrin	LESS THAN 0.02
Endrin	LESS THAN 0.02	HCB	LESS THAN 0.02
Heptachlor	LESS THAN 0.02	Heptachlor Epoxide	LESS THAN 0.02
Lindane	LESS THAN 0.02	Methoxychlor	LESS THAN 0.02

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5/17/2006

Certified Papers Retrieval

Page 2 of 2

Mirex	LESS THAN 0.02	PCB	LESS THAN 0.15
AFLATOXINS	PPB Aflatoxins	LESS THAN 5	

No notes.

For additional information, please contact:

- 1) Customer Service at (314) 982-1310 -- for assay methodology
- 2) Dr. Dorrance Haught at (314) 317-5178 -- for nutritional interpretation
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Certified Papers Retrieval

Page 1 of 2



Return to Certified Analysis Retrieval

Product Code: 5002  
 Product Desc: CERTIFIED RODENT DIET  
 Lab Number: L0614778-2  
 Lot Code: MAR 31 06 1B  
 Entered: 4/14/2006

Assay	Analysis	Units
PROTEIN	20.9	%
FAT ACID (HYDRO.)	6	%
FIBER (CRUDE)	4.78	%
ARSENIC	LESS THAN 0.2	PPM
CADMIUM	0.0909	PPM
CALCIUM	0.8889	%
LEAD	0.225	PPM
MERCURY	LESS THAN 0.025	PPM
PHOSPHORUS	0.664	%
SELENIUM	0.298	PPM

ORGANOPHOSPHATES	PPM	ORGANOPHOSPHATES	PPM
Diazinon	LESS THAN 0.02	Disulfoton	LESS THAN 0.02
Ethion	LESS THAN 0.02	Malathion	0.02
Methyl Parathion	LESS THAN 0.02	Parathion	LESS THAN 0.02
Thimet	LESS THAN 0.02	Thiodan	LESS THAN 0.02
Trithion	LESS THAN 0.02		

PESTICIDES AND PCB	PPM	PESTICIDES AND PCB	PPM
Aldrin	LESS THAN 0.02	Alpha-BHC	LESS THAN 0.02
Beta-BHC	LESS THAN 0.02	Chlordane	LESS THAN 0.02
DDE	LESS THAN 0.02	DDT	LESS THAN 0.02
Delta-BHC	LESS THAN 0.02	Dieldrin	LESS THAN 0.02
Endrin	LESS THAN 0.02	HCB	LESS THAN 0.02
Heptachlor	LESS THAN 0.02	Heptachlor Epoxide	LESS THAN 0.02
Lindane	LESS THAN 0.02	Methoxychlor	LESS THAN 0.02

[http://www.labdiet.com/certified/pwa\\_spc002.asp](http://www.labdiet.com/certified/pwa_spc002.asp)

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Certified Papers Retrieval

Page 2 of 2

Mirex	LESS THAN 0.02	PCB	LESS THAN 0.15
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No notes.

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Microbiological Analysis of Water  
Second Quarter 2006

**E.I. du Pont de Nemours and Company**  
HASKELL LABORATORY FOR HEALTH  
AND ENVIRONMENTAL SCIENCE

**MICROBIOLOGICAL ANALYSIS OF WATER FROM HASKELL  
BUILDING H1**

Second Quarter 2006

All locations tested in Haskell Building 1 were negative for the presumptive presence of coliforms (Table 1). The EPA standard for drinking water is 0 total coliforms/100 mL. The presumptive presence or absence (P/A) of coliform bacteria was determined with the Colilert P/A reagent (EPA approved) obtained from Idexx Laboratories, Inc. Each sample (approximately 100 mL) was collected in a sterile container. The content of one P/A Snap Pack was added to each sample. All samples for presumptive P/A were evaluated after 24 hours of incubation.

All locations tested in Haskell Building 1 were below the EPA limit of 500 CFU/mL for heterotrophic plate samples (Table 1). All heterotrophic plate samples were incubated at 35°C (+/- 0.5°C) for approximately 48 hours.

All locations tested in Haskell Building 1 were negative for the presence of Pseudomonas aeruginosa (Table 1). All samples for Pseudomonas aeruginosa were evaluated after 24 hours of incubation for growth. All samples with no growth presence were evaluated after 48 hours of incubation.

Notebook: E 98545-AA pp. 49-56

Microbiological Analysis of Water  
 Second Quarter 2006

**TABLE 1**  
**WATER ANALYSES**

<u>Controls</u>	<u>Date<sup>(1)</sup></u>	<u>P/A Test<sup>(2)</sup></u>	<u>CFU/mL<sup>(3)</sup></u>	<u>Pseudomonas Test<sup>(4)</sup></u>
Negative Control				
(Media)	5-22-06	N/A	<1	N/A
(Sterile Water)	5-22-06	N/A	<1	N/A
Positive Indicator				
( <u>E. coli</u> )	5-22-06	(+)	N/A	N/A
Negative Indicator				
( <u>Streptococcus pneumoniae</u> )	5-22-06	(-)	N/A	(-)
Positive Indicator				
( <u>Pseudomonas aeruginosa</u> )	5-22-06	N/A	N/A	(+)
<b>Haskell 1 Animal Rooms</b>				
<u>Room Number</u>	<u>Date<sup>(1)</sup></u>	<u>P/A Test<sup>(2)</sup></u>	<u>CFU/mL<sup>(3)</sup></u>	<u>Pseudomonas Test<sup>(4)</sup></u>
205	5-22-06	(-)	<1	(-)
218	5-22-06	(-)	<1	(-)
225	5-22-06	(-)	<1	(-)
231	5-22-06	(-)	<1	(-)
706	5-22-06	(-)	<1	(-)
707	5-22-06	(-)	<1	(-)
906	5-22-06	(-)	<1	(-)

- 1 Date of sample collection and plating.
- 2 Presumptive presence/absence test for total coliforms (24 hours).
- 3 Heterotrophic plate counts (48 hours).
- 4 Test for Pseudomonas aeruginosa

Microbiological Analysis of Water  
 Second Quarter 2006

**TABLE 1**  
**WATER ANALYSES**

**Haskell 1 Animal Rooms**

<u>Room Number</u>	<u>Date<sup>(1)</sup></u>	<u>P/A Test<sup>(2)</sup></u>	<u>CFU/mL<sup>(3)</sup></u>	<u>Pseudomonas Test<sup>(4)</sup></u>
907	5-22-06	(-)	<1	(-)
912	5-22-06	(-)	<1	(-)

**Haskell 1 Aquatic Area**

<u>Room Number</u>	<u>Date<sup>(1)</sup></u>	<u>P/A Test<sup>(2)</sup></u>	<u>CFU/mL<sup>(3)</sup></u>	<u>Pseudomonas Test<sup>(4)</sup></u>
1301A	5-22-06	(-)	<1	(-)

**Haskell 1 Clinical Pathology**

<u>Room Number</u>	<u>Date<sup>(1)</sup></u>	<u>P/A Test<sup>(2)</sup></u>	<u>CFU/mL<sup>(3)</sup></u>	<u>Pseudomonas Test<sup>(4)</sup></u>
416 milli-Q	5-22-06	(-)	<1	(-)
416 Olympus	5-22-06	(-)	<1	(-)

- 1 Date of sample collection and plating.
- 2 Presumptive presence/absence test for total coliforms (24 hours).
- 3 Heterotrophic plate counts (48 hours).
- 4 Test for Pseudomonas aeruginosa

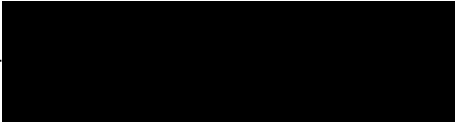
Symbols:

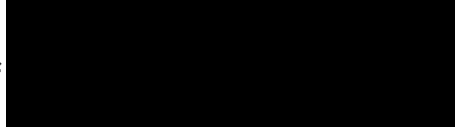
- + = positive test
- = negative test
- N/A = not applicable
- \* = Re-sample

Microbiological Analysis of Water  
Second Quarter 2006

**GOOD LABORATORY PRACTICE DOCUMENTATION**

The work described in this report was not conducted as a study. However, all work was conducted in a GLP compliant facility by trained personnel, following management approved Standard Operating Procedures and inspections were performed by trained Quality Assurance professionals.

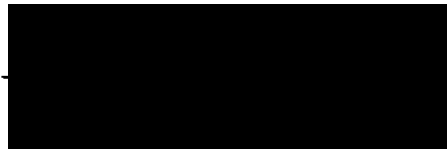
Prepared by:  Date: 6/30/06

Approved by:  Date: 6/30/06

**QUALITY ASSURANCE DOCUMENTATION**

The conduct of this project has been subjected to periodic Quality Assurance inspections. The dates of inspection are indicated below.

<i>Phase Audited</i>	<i>Audit Dates</i>	<i>Date Reported to Principal Investigator</i>	<i>Date Reported to Management</i>
Conduct:	22 May 2006	23 May 2006	23 May 2006
Report/Records:	8 June 2006	9 June 2006	14 June 2006

Reported by:  Date: 20 June 2006