

Study Title

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

Volume 2 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).

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Appendix Z
Individual Food Consumption By Subchronic Male Rats During Premating

Individual Food Consumption (grams/day) by Subchronic Male Rats During Premating

Group Sex	Animal Number	From: To:	Test Day		Total
			1 8	8 15	1 15
1m	101		29.37	32.16	430.700
	102		28.43	28.57	399.000
	103		31.04	29.14	421.300
	104		31.86	33.59	458.100
	105		27.56	28.49	392.300
	106		35.19	35.84	497.200
	107		26.66	29.34	392.000
	108		29.90	31.37	428.900
	109		29.03	27.49	395.600
	110		31.94	30.54	437.400
	111		26.31	26.71	371.200
	112		31.13	28.53	417.600

* = result to left has an associated comment or marker
 Food Consumption Units are g/animal/day
 Total = Total consumption for the whole period (g/animal)

Nominal Dose: Group 1 - 0 ppm Group 2 - 100 ppm Group 3 - 500 ppm Group 4 - 3000 ppm

Individual Food Consumption (grams/day) by Subchronic Male Rats During Premating

Group Sex	Animal Number	From: To:	Test Day		Total
			1 8	8 15	1 15
2m	201		26.16	25.00	358.100
	202		30.51	29.90	422.900
	203		33.81	32.53	464.400
	204		30.36	28.14	409.500
	205		32.36	31.80	449.100
	206		28.11	26.67	383.500
	207		26.36	23.84	351.400
	208		28.17	28.70	398.100
	209		29.03	31.40	423.000
	210		26.01	25.10	357.800
	211		22.57	23.04	319.300
	212		30.86	31.74	438.200

* = result to left has an associated comment or marker

Food Consumption Units are g/animal/day

Total = Total consumption for the whole period (g/animal)

Nominal Dose: Group 1 - 0 ppm Group 2 - 100 ppm Group 3 - 500 ppm Group 4 - 3000 ppm

Individual Food Consumption (grams/day) by Subchronic Male Rats During Premating

Group Sex	Animal Number	From: To:	Test Day		Total
			1 8	8 15	1 15
3m	301		23.43	26.23	347.600
	302		23.89	26.97	356.000
	303		29.26	29.01	407.900
	304		28.17	28.57	397.200
	305		21.14	22.19	303.300
	306		28.61	26.71	387.300
	307		29.17	27.74	398.400
	308		26.57	24.44	357.100
	309		34.27	32.80	469.500
	310		33.44	33.37	467.700
	311		27.73	28.91	396.500
	312		19.17	19.84	273.100

* = result to left has an associated comment or marker
 Food Consumption Units are g/animal/day
 Total = Total consumption for the whole period (g/animal)

Nominal Dose: Group 1 - 0 ppm Group 2 - 100 ppm Group 3 - 500 ppm Group 4 - 3000 ppm

Individual Food Consumption (grams/day) by Subchronic Male Rats During Premating

Group Sex	Animal Number	From: To:	Test Day		Total
			1 8	8 15	1 15
4m	401		23.87	26.37	351.700
	402		23.77	28.94	369.000
	403		25.84	25.31	358.100
	404		28.04	29.41	402.200
	405		22.01	24.06	322.500
	406		25.63	27.94	375.000
	407		27.31	25.67	370.900
	408		31.00	31.31	436.200
	409		27.07	27.96	385.200
	410		26.21	27.96	379.200
	411		28.73	27.43	393.100
	412		24.16	23.43	333.100

* = result to left has an associated comment or marker
 Food Consumption Units are g/animal/day
 Total = Total consumption for the whole period (g/animal)

Nominal Dose: Group 1 - 0 ppm Group 2 - 100 ppm Group 3 - 500 ppm Group 4 - 3000 ppm

Appendix AA
Individual Food Consumption by Subchronic Female Rats

Individual Food Consumption (grams/day) by Subchronic Female Rats

Group Sex	Animal Number	Test Day					Total
		From: To:	1 8	8 15	15 18a	18a 22	
1f	113		20.04	21.04	22.03	19.92	563.200
	114		21.34	21.87	20.73	21.20	617.600
	115		19.80	20.01	20.27	19.03	567.500
	116		16.86	17.56	17.60	17.88	493.400
	117		21.40	21.26	23.40	22.68	664.400
	118		19.93	18.06	18.20	17.95	547.900
	119		21.84	21.54	21.50	24.05	615.600
	120		25.37	24.67	27.47	23.72	703.000
	121		19.94	20.23	21.47	19.95	573.700
	122		24.06	22.43	22.90	20.70	630.500
	123		21.96	21.59	23.73	22.10	629.900
	124		18.43	21.29	22.37	21.42	599.400

* = result to left has an associated comment or marker
Food Consumption Units are g/animal/day
Total = Total consumption for the whole period (g/animal)

Nominal Dose: Group 1 - 0 ppm Group 2 - 100 ppm Group 3 - 500 ppm Group 4 - 3000 ppm

a In error, the food consumption period was ended on test day 18, rather than test day 22. The 2 intervals for days 15-18 and 18-22 are reported rather than the 7-day interval of days 15-22.

Individual Food Consumption (grams/day) by Subchronic Female Rats

Group Sex	Animal Number	Test Day					Total
		From: To:	1 8	8 15	15 18a	18a 22	
2f	213		18.76	19.34	20.10	18.95	547.300
	214		20.74	21.86	37.73	21.90	648.400
	215		20.24	18.91	19.30	19.98	564.600
	216		20.77	19.06	19.77	18.95	553.600
	217		20.97	20.77	21.47	22.23	599.300
	218		21.31	20.39	4.30	21.85	554.100
	219		22.27	20.87	19.67	20.90	598.400
	220		25.70	24.33	26.47	26.63	714.700
	221		19.97	19.96	23.23	21.18	591.900
	222		20.76	22.24	22.63	22.30	627.400
	223		22.73	23.20	24.10	24.47	669.700
	224		18.61	19.50	19.20	18.47	543.100

* = result to left has an associated comment or marker
Food Consumption Units are g/animal/day
Total = Total consumption for the whole period (g/animal)

Nominal Dose: Group 1 - 0 ppm Group 2 - 100 ppm Group 3 - 500 ppm Group 4 - 3000 ppm

a In error, the food consumption period was ended on test day 18, rather than test day 22. The 2 intervals for days 15-18 and 18-22 are reported rather than the 7-day interval of days 15-22.

Individual Food Consumption (grams/day) by Subchronic Female Rats

Group Sex	Animal Number	From: To:	Test Day					Total
			1 8	8 15	15 18a	18a 22	22 29	
3f	313		20.03	20.33	20.70	20.35	21.23	574.600
	314		19.10	17.63	17.60	16.85	18.49	506.700
	315		18.69	17.74	16.67	16.15	18.36	498.100
	316		20.03	20.17	18.67	20.57	20.63	564.100
	317		18.66	16.84	16.63	15.10	17.14	478.800
	318		23.06	22.80	24.90	24.25	25.01	667.800
	319		20.00	20.01	23.60	20.38	21.99	586.300
	320		29.24	27.07	26.67	27.33	29.94	793.100
	321		20.91	21.39	21.90	20.25	22.30	598.900
	322		19.41	20.36	23.53	21.55	22.24	590.900
	323		21.89	24.84	23.80	25.18	25.81	679.900
	324		22.54	22.87	23.30	22.13	22.61	634.600

* = result to left has an associated comment or marker
Food Consumption Units are g/animal/day
Total = Total consumption for the whole period (g/animal)

Nominal Dose: Group 1 - 0 ppm Group 2 - 100 ppm Group 3 - 500 ppm Group 4 - 3000 ppm

a In error, the food consumption period was ended on test day 18, rather than test day 22. The 2 intervals for days 15-18 and 18-22 are reported rather than the 7-day interval of days 15-22.

Individual Food Consumption (grams/day) by Subchronic Female Rats

Group Sex	Animal Number	From: To:	Test Day					Total
			1 8	8 15	15 18a	18a 22	22 29	
4f	413		19.21	19.46	19.33	19.93	19.97	548.200
	414		18.37	19.94	20.37	21.08	22.24	569.300
	415		17.09	20.40	21.60	20.88	21.37	560.300
	416		25.76	23.24	25.43	22.07	23.61	672.900
	417		17.97	19.23	20.87	20.38	20.26	546.300
	418		22.56	21.70	23.90	22.95	24.33	643.600
	419		18.86	17.96	17.97	18.95	19.41	523.300
	420		17.47	17.44	18.93	18.72	19.34	511.500
	421		16.23	17.63	19.50	17.88	19.03	500.200
	422		20.37	19.90	20.97	19.38	20.16	563.400
	423		18.54	18.47	18.90	19.28	20.41	535.800
	424		24.10	24.50	24.37	24.50	22.56	669.200

* = result to left has an associated comment or marker
Food Consumption Units are g/animal/day
Total = Total consumption for the whole period (g/animal)

Nominal Dose: Group 1 - 0 ppm Group 2 - 100 ppm Group 3 - 500 ppm Group 4 - 3000 ppm

a In error, the food consumption period was ended on test day 18, rather than test day 22. The 2 intervals for days 15-18 and 18-22 are reported rather than the 7-day interval of days 15-22.

Appendix BB
Individual Food Consumption by Satellite Female Rats During Premating

Individual Food Consumption (grams/day) by Satellite Female Rats During Premating

Group Sex	Animal Number	From: To:	Test Day		Total
			1 8	8 15	1 15
1f	125		23.40	22.80	323.400
	126		22.60	21.19	306.500
	127		19.74	20.64	282.700
	128		23.20	22.29	318.400
	129		23.81	22.33	323.000
	130		19.96	19.46	275.900
	131		20.47	19.93	282.800
	132		19.66	19.90	276.900
	133		22.71	21.61	310.300
	134		21.79	22.71	311.500
	135		19.47	18.17	263.500
	136		21.19	21.60	299.500

* = result to left has an associated comment or marker

Food Consumption Units are g/animal/day

Total = Total consumption for the whole period (g/animal)

Nominal Dose: Group 1 - 0 ppm Group 2 - 100 ppm Group 3 - 500 ppm Group 4 - 3000 ppm

Individual Food Consumption (grams/day) by Satellite Female Rats During Premating

Group Sex	Animal Number	From: To:	Test Day		Total
			1 8	8 15	1 15
2f	225		21.49	22.97	311.200
	226		20.47	18.29	271.300
	227		23.67	22.26	321.500
	228		20.64	21.57	295.500
	229		22.96	21.97	314.500
	230		22.96	23.69	326.500
	231		24.99	24.21	344.400
	232		21.69	22.33	308.100
	233		17.47	17.49	244.700
	234		20.91	19.06	279.800
	235		22.11	23.30	317.900
	236		19.60	20.33	279.500

* = result to left has an associated comment or marker

Food Consumption Units are g/animal/day

Total = Total consumption for the whole period (g/animal)

Nominal Dose: Group 1 - 0 ppm Group 2 - 100 ppm Group 3 - 500 ppm Group 4 - 3000 ppm

Individual Food Consumption (grams/day) by Satellite Female Rats During Premating

Group Sex	Animal Number	From: To:	Test Day		Total
			1 8	8 15	1 15
3f	325		18.36	18.03	254.700
	326		22.99	20.44	304.000
	327		20.04	20.61	284.600
	328		20.47	20.31	285.500
	329		23.23	21.77	315.000
	330		23.81	22.84	326.600
	331		14.67	20.40	245.500
	332		21.24	19.23	283.300
	333		21.26	21.97	302.600
	334		18.07	17.17	246.700
	335		22.84	22.10	314.600
	336		20.14	21.14	289.000

* = result to left has an associated comment or marker
 Food Consumption Units are g/animal/day
 Total = Total consumption for the whole period (g/animal)

Nominal Dose: Group 1 - 0 ppm Group 2 - 100 ppm Group 3 - 500 ppm Group 4 - 3000 ppm

Individual Food Consumption (grams/day) by Satellite Female Rats During Premating

Group Sex	Animal Number	From: To:	Test Day		Total
			1 8	8 15	1 15
4f	425		20.94	21.53	297.300
	426		21.09	18.89	279.800
	427		21.66	22.06	306.000
	428		19.40	19.91	275.200
	429		21.60	20.03	291.400
	430		19.83	21.39	288.500
	431		20.29	19.89	281.200
	432		21.96	22.67	312.400
	433		16.57	16.26	229.800
	434		16.93	18.31	246.700
	435		20.33	19.77	280.700
	436		22.63	20.84	304.300

* = result to left has an associated comment or marker

Food Consumption Units are g/animal/day

Total = Total consumption for the whole period (g/animal)

Nominal Dose: Group 1 - 0 ppm Group 2 - 100 ppm Group 3 - 500 ppm Group 4 - 3000 ppm

Appendix CC
Individual Food Consumption by Satellite Female Rats During Gestation

Note: This appendix contains data from animals with confirmed mating.

Individual Food Consumption (grams/day) by Satellite Female Rats During Gestation

Group Sex	Animal Number	From: To:	Gestation Day			Total
			0 7	7 14	14 21	
1f	125		25.19	31.39	31.49	616.400
	126		27.79	29.67	28.96	604.900
	127		25.50	29.19	31.23	601.400
	128		25.36	24.91	28.79	553.400
	129		26.16	26.86	28.43	570.100
	130		25.19	29.00	28.90	581.600
	131		21.86	23.33	23.11	478.100
	132		25.06	27.90	29.47	577.000
	133		25.79	29.13	30.60	598.600
	134		26.84	29.03	31.17	609.300
	135		22.73	24.36	26.37	514.200
	136		26.29	28.26	28.57	581.800

* = result to left has an associated comment or marker

Food Consumption Units are g/animal/day

Total = Total consumption for the whole period (g/animal)

Nominal Dose: Group 1 - 0 ppm Group 2 - 100 ppm Group 3 - 500 ppm Group 4 - 3000 ppm

Individual Food Consumption (grams/day) by Satellite Female Rats During Gestation

Group Sex	Animal Number	From: To:	Gestation Day			Total
			0 7	7 14	14 21	0 21
2f	225		26.30	28.46	30.91	599.700
	226		22.64	24.49	28.94	532.500
	227		27.94	30.40	34.97	653.200
	228		27.13	29.74	30.80	613.700
	229		26.59	27.56	30.10	589.700
	230		29.79	33.37	28.77	643.500
	231		30.79	34.59	29.71	665.600
	232		29.74	31.34	28.60	627.800
	233		21.31	25.69	26.27	512.900
	234		21.43	24.21	25.44	497.600
	235		30.96	32.51	30.17	655.500
	236		23.54	27.86	28.81	561.500

* = result to left has an associated comment or marker
 Food Consumption Units are g/animal/day
 Total = Total consumption for the whole period (g/animal)

Nominal Dose: Group 1 - 0 ppm Group 2 - 100 ppm Group 3 - 500 ppm Group 4 - 3000 ppm

Individual Food Consumption (grams/day) by Satellite Female Rats During Gestation

Group Sex	Animal Number	Gestation Day			Total
		From: To:	0 7	7 14	14 21
3f	325		24.96	21.49	28.73
	326		32.43	38.27	34.10
	327		26.41	27.47	31.16
	328		26.26	31.17	34.70
	329		25.86	29.09	29.96
	330		25.41	28.86	30.16
	331		23.37	24.23	24.51
	332		21.80	26.10	26.11
	333		29.13	31.74	29.06
	334		23.09	22.56	23.09
	335		25.84	29.91	30.73
	336		23.24	23.37	24.67
					526.200
					733.600
					595.300
					644.900
					594.300
					591.000
					504.800
					518.100
					629.500
					481.100
					605.400
					499.000

* = result to left has an associated comment or marker
 Food Consumption Units are g/animal/day
 Total = Total consumption for the whole period (g/animal)

Nominal Dose: Group 1 - 0 ppm Group 2 - 100 ppm Group 3 - 500 ppm Group 4 - 3000 ppm

Individual Food Consumption (grams/day) by Satellite Female Rats During Gestation

Group Sex	Animal Number	From: To:	Gestation Day			Total
			0 7	7 14	14 21	0 21
4f	425		26.46	29.93	29.39	600.400
	427		22.69	24.63	28.54	531.000
	428		24.71	28.37	29.33	576.900
	429		20.97	24.03	24.31	485.200
	431		20.94	24.30	25.66	496.300
	432		24.83	27.17	26.36	548.500
	433		17.94	19.04	21.50	409.400
	435		21.90	25.40	26.77	518.500
	436		23.79	25.64	27.17	536.200

* = result to left has an associated comment or marker
 Food Consumption Units are g/animal/day
 Total = Total consumption for the whole period (g/animal)

Nominal Dose: Group 1 - 0 ppm Group 2 - 100 ppm Group 3 - 500 ppm Group 4 - 3000 ppm

Appendix DD
Individual Food Consumption by Satellite Female Rats During Lactation

Individual Food Consumption (grams/day) by Satellite Female Rats During Lactation

Group Sex	Animal Number	From: To:	Lactation Day	
			0 4	Total 0 4
1f	125		35.90	143.600
	126		39.10	156.400
	127		41.85	167.400
	128		43.80	175.200
	129		28.15	112.600
	130		39.77	159.100
	131		33.23	132.900
	132		36.72	146.900
	133		47.57	190.300
	134		33.93	135.700
	135		31.30	125.200
	136		41.78	167.100

* = result to left has an associated comment or marker

Food Consumption Units are g/animal/day

Total = Total consumption for the whole period (g/animal)

Nominal Dose: Group 1 - 0 ppm Group 2 - 100 ppm Group 3 - 500 ppm Group 4 - 3000 ppm

Individual Food Consumption (grams/day) by Satellite Female Rats During Lactation

Group Sex	Animal Number	From: To:	Lactation Day	
			0 4	Total 0 4
2f	225		29.98	119.900
	226		24.25	97.000
	227		37.90	151.600
	228		34.65	138.600
	229		31.78	127.100
	230		39.85	159.400
	231		34.50	138.000
	232		39.78	159.100
	233		31.80	127.200
	234		32.40	129.600
	235		31.88	127.500
	236		40.45	161.800

* = result to left has an associated comment or marker
 Food Consumption Units are g/animal/day
 Total = Total consumption for the whole period (g/animal)

Nominal Dose: Group 1 - 0 ppm Group 2 - 100 ppm Group 3 - 500 ppm Group 4 - 3000 ppm

Individual Food Consumption (grams/day) by Satellite Female Rats During Lactation

Group Sex	Animal Number	From: To:	Lactation Day	
				Total
			0	0
			4	4
3f	325		39.07	156.300
	326		42.90	171.600
	327		44.17	176.700
	328		29.67	118.700
	329		32.57	130.300
	330		38.18	152.700
	331		39.58	158.300
	332		31.95	127.800
	333		31.60	126.400
	334		41.17	164.700
	335		36.37	145.500
	336		36.30	145.200

* = result to left has an associated comment or marker

Food Consumption Units are g/animal/day

Total = Total consumption for the whole period (g/animal)

Nominal Dose: Group 1 - 0 ppm Group 2 - 100 ppm Group 3 - 500 ppm Group 4 - 3000 ppm

Individual Food Consumption (grams/day) by Satellite Female Rats During Lactation

Group Sex	Animal Number	From: To:	Lactation Day	
				Total
			0	0
			4	4
4f	425		32.15	128.600
	426		39.05	156.200
	427		38.37	153.500
	428		35.03	140.100
	429		35.58	142.300
	431		27.95	111.800
	432		41.45	165.800
	433		23.55	94.200
	434		23.78	95.100
	435		36.38	145.500
	436		39.42	157.700

* = result to left has an associated comment or marker

Food Consumption Units are g/animal/day

Total = Total consumption for the whole period (g/animal)

Nominal Dose: Group 1 - 0 ppm Group 2 - 100 ppm Group 3 - 500 ppm Group 4 - 3000 ppm

Appendix EE
Individual Reproductive Data in Satellite Female Rats

Individual Reproductive Data in Satellite Female Rats

Group: 1 Dose Level: 0 ppm

Male Number	Female Number	Pre Coital Interval (days)	Gestation Length (days)	Mating Status	How Mating Status Determined	Pregnancy Status	Fate
101	125	4	22.0	Mated	sperm	Pregnant	Littered
102	126	4	22.0	Mated	sperm	Pregnant	Littered
103	127	4	22.0	Mated	sperm	Pregnant	Littered
104	128	3	22.0	Mated	plug	Pregnant	Littered
105	129	3	22.0	Mated	plug	Pregnant	Littered
106	130	4	22.0	Mated	sperm	Pregnant	Littered
107	131	1	22.0	Mated	sperm	Pregnant	Littered
108	132	3	22.0	Mated	plug	Pregnant	Littered
109	133	3	22.0	Mated	plug	Pregnant	Littered
110	134	2	22.0	Mated	sperm	Pregnant	Littered
111	135	3	22.0	Mated	sperm	Pregnant	Littered
112	136	4	22.0	Mated	sperm	Pregnant	Littered

Individual Reproductive Data in Satellite Female Rats

Group: 2 Dose Level: 100 ppm

Male Number	Female Number	Pre Coital Interval (days)	Gestation Length (days)	Mating Status	How Mating Status Determined	Pregnancy Status	Fate
201	225	3	21.0	Mated	sperm	Pregnant	Littered
202	226	2	22.0	Mated	sperm	Pregnant	Littered
203	227	2	22.0	Mated	sperm	Pregnant	Littered
204	228	3	22.0	Mated	sperm	Pregnant	Littered
205	229	2	22.0	Mated	sperm	Pregnant	Littered
206	230	4	22.0	Mated	sperm	Pregnant	Littered
207	231	3	22.0	Mated	plug	Pregnant	Littered
208	232	2	22.0	Mated	sperm	Pregnant	Littered
209	233	3	22.0	Mated	sperm	Pregnant	Littered
210	234	2	22.0	Mated	sperm	Pregnant	Littered
211	235	3	22.0	Mated	sperm	Pregnant	Littered
212	236	3	22.0	Mated	sperm	Pregnant	Littered

Individual Reproductive Data in Satellite Female Rats

Group: 3 Dose Level: 500 ppm

Male Number	Female Number	Pre Coital Interval (days)	Gestation Length (days)	Mating Status	How Mating Status Determined	Pregnancy Status	Fate
301	325	4	22.0	Mated	sperm	Pregnant	Littered
302	326	3	22.0	Mated	sperm	Pregnant	Littered
303	327	3	22.0	Mated	sperm	Pregnant	Littered
304	328	3	22.0	Mated	sperm	Pregnant	Littered
305	329	3	22.0	Mated	sperm	Pregnant	Littered
306	330	4	22.0	Mated	sperm	Pregnant	Littered
307	331	4	22.0	Mated	sperm	Pregnant	Littered
308	332	2	22.0	Mated	sperm	Pregnant	Littered
309	333	3	21.0	Mated	sperm	Pregnant	Littered
310	334	4	22.0	Mated	sperm	Pregnant	Littered
311	335	2	22.0	Mated	sperm	Pregnant	Littered
312	336	1	22.0	Mated	sperm	Pregnant	Littered

Individual Reproductive Data in Satellite Female Rats

Group: 4 Dose Level: 3000 ppm

Male Number	Female Number	Pre Coital Interval (days)	Gestation Length (days)	Mating Status	How Mating Status Determined	Pregnancy Status	Fate
401	425	4	22.0	Mated	sperm	Pregnant	Littered
402	426	-	-	a		Pregnant	Littered
403	427	2	22.0	Mated	sperm	Pregnant	Littered
404	428	3	22.0	Mated	sperm	Pregnant	Littered
405	429	1	22.0	Mated	sperm	Pregnant	Littered
406	430	-	-	a		Not Pregnant	No Litter
407	431	2	21.0	Mated	sperm	Pregnant	Littered
408	432	4	22.0	Mated	plug	Pregnant	Littered
409	433	2	22.0	Mated	sperm	Pregnant	Littered
410	434	-	-	a		Pregnant	Littered b
411	435	4	22.0	Mated	sperm	Pregnant	Littered
412	436	4	22.0	Mated	sperm	Pregnant	Littered

a = Mating not confirmed

b = Animal delivered during exposure in the exposure module.

Appendix FF
Individual Implantation Sites and *Corpora Lutea* in Satellite Female Rats

INDIVIDUAL IMPLANTATION SITES AND *CORPORA LUTEA* IN SATELLITE FEMALE RATS

Implantation Sites		

Group	Animal	
Sex	Number	
1f	125	18
	126	14
	127	17
	128	18
	129	16
	130	15
	131	12
	132	15
	133	17
	134	15
	135	17
	136	17

	Mean	15.9
	S.D.	1.8
	N	12

<i>Corpora Lutea</i>		

Group	Animal	
Sex	Number	
1f	125	18
	126	14
	127	17
	128	18
	129	16
	130	15
	131	13
	132	15
	133	17
	134	15
	135	17
	136	17

	Mean	16.0
	S.D.	1.6
	N	12

* = Result to left has an associated comment or marker

Nominal Dose: Group 1 - 0 ppm Group 2 - 100 ppm Group 3 - 500 ppm Group 4 - 3000 ppm

INDIVIDUAL IMPLANTATION SITES AND *CORPORA LUTEA* IN SATELLITE FEMALE RATS

Implantation Sites		

Group	Animal	
Sex	Number	
2f	225	12
	226	12
	227	16
	228	18
	229	14
	230	16
	231	16
	232	17
	233	16
	234	14
	235	16
	236	16
	-----	-----
	Mean	15.3
	S.D.	1.9
	N	12
<i>Corpora Lutea</i>		

Group	Animal	
Sex	Number	
2f	225	12
	226	12
	227	16
	228	18
	229	14
	230	16
	231	16
	232	17
	233	16
	234	14
	235	16
	236	16
	-----	-----
	Mean	15.3
	S.D.	1.9
	N	12

* = Result to left has an associated comment or marker

Nominal Dose: Group 1 - 0 ppm Group 2 - 100 ppm Group 3 - 500 ppm Group 4 - 3000 ppm

INDIVIDUAL IMPLANTATION SITES AND *CORPORA LUTEA* IN SATELLITE FEMALE RATS

Implantation Sites		

Group	Animal	
Sex	Number	
3f	325	16
	326	16
	327	17
	328	16
	329	15
	330	18
	331	17
	332	13
	333	17
	334	16
	335	15
	336	15

	Mean	15.9
	S.D.	1.3
	N	12

<i>Corpora Lutea</i>		

Group	Animal	
Sex	Number	
3f	325	16
	326	16
	327	17
	328	16
	329	15
	330	18
	331	17
	332	13
	333	17
	334	16
	335	15
	336	15

	Mean	15.9
	S.D.	1.3
	N	12

* = Result to left has an associated comment or marker

Nominal Dose: Group 1 - 0 ppm Group 2 - 100 ppm Group 3 - 500 ppm Group 4 - 3000 ppm

INDIVIDUAL IMPLANTATION SITES AND *CORPORA LUTEA* IN SATELLITE FEMALE RATS

Implantation Sites ^a		
Group Sex	Animal Number	
4f	425	16
	426	15
	427	19
	428	14
	429	13
	431	13
	432	16
	433	10
	434	15
	435	15
	436	19
-----		-----
	Mean	15.0
	S.D.	2.6
	N	11
<i>Corpora Lutea</i> ^a		
Group Sex	Animal Number	
4f	425	16
	426	15
	427	19
	428	14
	429	13
	431	14
	432	16
	433	10
	434	15
	435	15
	436	19
-----		-----
	Mean	15.1
	S.D.	2.5
	N	11

* = Result to left has an associated comment or marker

Nominal Dose: Group 1 - 0 ppm Group 2 - 100 ppm Group 3 - 500 ppm Group 4 - 3000 ppm

a Rat 430 did not demonstrate evidence of mating, did not deliver a litter, and did not have any implantation sites evident at necropsy. The number of *corpora lutea* for Rat 430 were inadvertently not recorded.

Appendix GG
Individual Pup Survival

Individual Pup Survival

Group No: 1			Dose Level: 0 ppm					
Female Number	Day 0 Number Dead		Day 0 Number Alive		Day 4 Number Alive			
	M	F	M	F	M	F		
125	0	0	10	6	10	6		
126	0	0	10	3	10	3		
127	0	0	9	8	9	8		
128	0	0	9	8	9	7		
129	0	0	5	11	5	11		
130	0	0	5	9	5	9		
131	0	0	8	4	8	4		
132	0	0	10	5	10	5		
133	0	0	11	6	11	6		
134	0	0	6	9	6	9		
135	0	0	10	5	10	5		
136	0	0	9	8	9	8		

M = Male, F = Female

Individual Pup Survival

Group No: 2			Dose Level: 100 ppm					
Female Number	Day 0 Number Dead		Day 0 Number Alive		Day 4 Number Alive			
	M	F	M	F	M	F		
225	0	0	5	7	5	7		
226	0	0	2	8	2	8		
227	0	0	5	11	5	11		
228	0	0	11	6	11	6		
229	0	0	7	6	7	6		
230	0	0	4	12	4	12		
231	0	0	10	6	10	5		
232	0	0	8	7	8	7		
233	0	0	7	7	7	7		
234	0	0	7	5	7	5		
235	0	0	6	10	6	10		
236	0	0	8	7	8	7		

M = Male, F = Female

Individual Pup Survival

Group No: 3			Dose Level: 500 ppm					
Female Number	Day 0 Number Dead		Day 0 Number Alive		Day 4 Number Alive			
	M	F	M	F	M	F		
325	0	0	9	5	9	5		
326	0	0	8	7	8	7		
327	0	0	9	8	9	8		
328	0	0	12	4	12	4		
329	0	0	6	7	6	7		
330	0	0	10	8	10	8		
331	0	0	6	9	6	9		
332	0	0	6	7	6	7		
333	0	0	9	8	9	8		
334	0	0	8	7	8	7		
335	0	0	7	8	7	8		
336	0	0	4	9	4	9		

M = Male, F = Female

Individual Pup Survival

Group No: 4 Dose Level: 3000 ppm

Female Number	Day 0 Number Dead		Day 0 Number Alive		Day 4 Number Alive	
	M	F	M	F	M	F
425	0	0	7	8	7	8
426	0	0	8	5	8	5
427	0	0	8	10	8	10
428	0	0	5	8	5	8
429	0	0	7	6	7	6
431	0	0	5	8	5	8
432	0	0	7	6	7	6
433	0	0	3	7	3	7
434	0	0	5	7	3	4
435	0	0	8	6	8	6
436	0	0	7	11	7	11

M = Male, F = Female

Appendix HH
Individual Litter Clinical Observations

Individual Litter Clinical Observations: F1 Generation

THERE WERE NO ABNORMALITIES DETECTED FOR ANY CONCENTRATION.

Appendix II

Individual Pup Weights

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

DuPont-18331

Individual Pup Weights

Group: 1		Dose Level: 0 ppm		All measurements are grams									
Animal Number	Day Number		Mean Weight	Individual Weights									
125	0	Males	6.72	5.90	6.60	6.70	7.10	7.00	7.10	6.70	6.90	6.50	6.70
		Females	6.42	6.30	5.80	5.90	6.60	7.10	6.80				
	4	Males	10.75	12.00	9.90	10.40	10.30	11.80	10.80	10.70	9.20	10.90	11.50
		Females	9.67	10.60	9.00	8.90	10.30	9.80	9.40				
126	0	Males	6.31	6.30	6.50	6.90	6.50	6.50	6.30	6.20	5.70	6.00	6.20
		Females	5.87	5.90	5.80	5.90							
	4	Males	10.94	9.80	10.60	9.60	10.70	11.00	11.50	11.50	12.30	11.30	11.10
		Females	10.63	9.90	11.20	10.80							
127	0	Males	6.57	6.80	6.60	6.40	6.80	6.30	5.80	6.70	7.00	6.70	
		Females	5.80	5.70	6.00	5.90	5.80	5.60	5.90	6.30	5.20		
	4	Males	9.81	10.00	9.30	10.00	10.70	9.40	9.80	10.00	9.20	9.90	
		Females	8.54	8.50	8.80	8.40	8.40	8.30	8.40	9.20	8.30		
128	0	Males	6.64	6.50	6.40	6.40	6.40	6.70	6.90	6.90	6.80	6.80	
		Females	6.18	6.40	6.10	6.20	6.40	6.60	6.20	5.90	5.60		
	4	Males	10.56	11.10	10.80	10.20	10.20	11.20	9.80	10.30	9.90	11.50	
		Females	9.76	10.00	10.20	10.60	8.50	9.50	10.20	9.30			
129	0	Males	6.14	6.30	6.00	6.60	5.90	5.90					
		Females	6.22	6.10	6.20	5.80	6.30	5.80	6.20	6.50	5.70	6.50	6.90
	4	Males	9.58	9.40	8.90	10.20	10.20	9.20					
		Females	9.63	9.20	10.10	10.30	9.60	9.30	9.30	10.40	8.80	8.60	11.10
130	0	Males	7.08	7.20	6.90	7.30	6.70	7.30					
		Females	6.60	6.80	6.70	6.50	6.70	7.20	6.40	7.10	6.00	6.00	
	4	Males	11.50	11.40	11.70	11.40	11.00	12.00					
		Females	10.71	9.60	11.10	11.20	9.70	11.40	11.30	10.40	11.40	10.30	
131	0	Males	6.89	7.60	7.10	7.40	6.70	6.80	5.60	6.90	7.00		
		Females	6.35	6.70	6.80	5.00	6.90						
	4	Males	10.98	9.00	10.80	11.00	11.50	11.00	12.30	10.80	11.40		
		Females	10.20	10.90	10.70	8.20	11.00						
132	0	Males	6.55	5.70	6.10	6.90	6.50	7.00	6.50	6.10	6.90	7.20	6.60
		Females	6.38	6.30	6.70	6.10	6.90	5.90					
	4	Males	10.00	10.30	9.50	9.60	10.70	9.60	9.60	10.10	9.80	11.00	9.80
		Females	9.78	10.10	9.60	9.50	10.50	9.20					
133	0	Males	6.74	6.80	6.90	6.60	6.50	6.70	5.80	7.00	6.90	7.10	6.80
		Females	6.60	6.70	6.80	6.80	6.60	6.30	6.40				7.00

Individual Pup Weights

Group: 1		Dose Level: 0 ppm		All measurements are grams											
Animal Number	Day Number		Mean Weight	Individual Weights											
133	4	Males	10.83	10.60	11.30	11.80	11.30	10.50	11.30	11.00	11.00	10.60	11.10	8.60	
		Females	10.57	10.70	10.90	10.40	10.90	10.70	9.80						
134	0	Males	7.42	7.30	6.90	7.30	7.50	7.80	7.70						
		Females	7.08	7.20	7.40	7.40	6.80	7.50	7.50	7.00	6.50	6.40			
	4	Males	10.47	10.80	10.60	10.80	10.00	10.60	10.00						
		Females	10.06	10.50	10.70	10.00	10.50	9.70	9.50	9.90	9.70	10.00			
135	0	Males	6.57	6.60	6.70	6.80	7.10	6.60	6.50	6.60	5.90	6.60	6.30		
		Females	6.06	6.40	5.60	6.00	6.10	6.20							
	4	Males	10.49	11.30	9.90	10.60	10.50	9.70	10.00	9.80	11.30	11.10	10.70		
		Females	9.80	8.80	9.80	10.00	10.40	10.00							
136	0	Males	6.66	7.00	6.50	6.70	6.30	6.80	6.40	6.40	7.10	6.70			
		Females	6.33	6.40	6.50	6.70	6.50	6.30	6.60	5.10	6.50				
	4	Males	10.26	10.20	10.50	10.20	10.00	9.70	11.20	9.30	10.40	10.80			
		Females	9.69	8.10	8.10	9.80	10.60	10.30	10.70	10.20	9.70				

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

DuPont-18331

Individual Pup Weights

Group: 2 Dose Level: 100 ppm

All measurements are grams

Animal Number	Day Number		Mean Weight	Individual Weights											
225	0	Males	6.00	5.70	5.90	6.30	6.20	5.90							
		Females	5.76	5.50	6.10	5.90	5.70	5.70	5.60	5.80					
	4	Males	10.10	9.20	10.30	10.00	10.40	10.60							
		Females	9.80	10.10	9.20	10.30	10.10	9.50	9.80	9.60					
226	0	Males	6.65	5.90	7.40										
		Females	6.64	7.00	6.70	6.60	7.40	7.10	6.70	4.90	6.70				
	4	Males	10.70	11.40	10.00										
		Females	11.28	11.90	11.70	8.30	11.10	12.00	11.80	12.30	11.10				
227	0	Males	6.76	6.90	6.60	7.00	6.20	7.10							
		Females	6.53	7.50	6.60	6.10	6.50	5.90	6.60	6.50	6.60	6.70	6.00	6.80	
	4	Males	10.98	11.80	10.10	10.60	11.40	11.00							
		Females	10.73	10.70	10.30	11.20	10.30	10.40	10.90	9.40	11.60	10.50	11.50	11.20	
228	0	Males	6.85	6.70	7.10	7.00	6.80	6.90	6.80	6.50	6.70	6.80	6.40	7.70	
		Females	6.37	6.40	5.90	6.80	6.20	6.30	6.60						
	4	Males	10.15	10.20	10.60	10.20	10.40	10.10	10.10	9.90	10.00	10.00	10.40	9.70	
		Females	9.87	10.50	10.10	9.90	9.30	9.80	9.60						
229	0	Males	7.31	7.10	7.30	7.10	7.00	7.50	7.90	7.30					
		Females	7.03	7.30	6.70	7.30	6.80	7.00	7.10						
	4	Males	12.09	12.00	11.50	12.00	12.10	12.40	12.00	12.60					
		Females	11.78	10.90	12.70	12.70	11.10	12.10	11.20						
230	0	Males	6.93	6.90	7.30	6.60	6.90								
		Females	6.54	6.40	6.60	6.50	6.50	6.30	6.20	7.00	6.40	6.60	6.70	6.60	6.70
	4	Males	10.68	10.90	10.60	9.80	11.40								
		Females	10.13	9.80	10.40	10.00	10.30	10.50	10.30	9.70	10.30	10.00	9.50	10.60	10.10
231	0	Males	6.31	6.40	6.60	6.30	5.90	6.00	6.60	5.80	6.30	6.30	6.90		
		Females	5.53	5.40	5.60	5.70	5.90	5.10	5.50						
	4	Males	10.14	11.10	10.60	9.70	9.60	9.30	9.90	9.80	10.10	10.80	10.50		
		Females	9.46	9.70	9.00	9.50	9.60	9.50							
232	0	Males	6.59	6.00	6.30	6.60	7.00	6.30	6.60	6.90	7.00				
		Females	6.03	5.80	5.80	6.30	5.70	6.30	6.00	6.30					
	4	Males	11.33	11.90	11.70	12.40	10.90	11.00	10.60	11.70	10.40				
		Females	10.31	10.40	10.40	10.30	9.70	10.50	10.20	10.70					
233	0	Males	7.33	8.00	7.20	6.90	7.10	6.90	7.60	7.60					
		Females	6.84	6.90	6.90	7.20	6.50	7.00	6.80	6.60					

Individual Pup Weights

Group: 2 Dose Level: 100 ppm

All measurements are grams

Animal Number	Day Number		Mean Weight	Individual Weights									
233	4	Males	10.59	10.70	10.30	10.50	11.70	10.60	10.40	9.90			
		Females	10.44	10.70	10.10	10.70	10.50	9.80	10.60	10.70			
234	0	Males	6.97	7.30	6.70	7.20	6.80	7.00	6.90	6.90			
		Females	6.78	7.20	6.90	6.00	6.90	6.90					
	4	Males	11.50	11.40	11.80	11.10	11.90	11.50	11.60	11.20			
		Females	11.38	11.40	12.10	9.80	11.90	11.70					
235	0	Males	6.72	6.50	6.90	6.80	6.70	6.50	6.90				
		Females	6.15	5.50	6.10	6.40	6.30	6.00	5.70	6.30	6.50	6.80	5.90
	4	Males	10.35	10.70	10.50	10.20	10.80	10.30	9.60				
		Females	9.44	9.50	9.60	9.40	9.10	9.30	9.10	10.20	9.60	9.80	8.80
236	0	Males	6.94	7.30	6.80	6.90	6.80	6.70	6.80	7.70	6.50		
		Females	6.49	6.40	5.90	6.70	6.40	7.00	6.50	6.50			
	4	Males	11.01	11.00	11.10	10.60	11.00	11.30	11.10	11.00	11.00		
		Females	10.51	11.70	10.20	9.30	10.70	10.30	10.80	10.60			

Individual Pup Weights

Group: 3 Dose Level: 500 ppm

All measurements are grams

Animal Number	Day Number		Mean Weight	Individual Weights													
325	0	Males	6.59	5.50	6.50	6.60	7.10	6.10	6.90	7.00	6.50	7.10					
		Females	6.66	7.00	6.30	6.70	6.60	6.70									
	4	Males	10.89	10.70	9.00	11.20	11.70	10.10	11.50	11.90	11.10	10.80					
		Females	10.80	10.60	11.30	10.90	11.00	10.20									
326	0	Males	7.16	7.10	7.00	7.80	7.80	7.20	6.30	6.90	7.20						
		Females	6.93	6.90	6.70	6.40	7.20	6.90	7.30	7.10							
	4	Males	11.13	11.40	10.30	10.30	11.60	11.00	11.90	10.60	11.90						
		Females	10.64	10.10	10.00	11.30	10.90	10.90	10.30	11.00							
327	0	Males	6.66	6.10	6.10	7.10	7.20	6.60	7.20	6.30	6.60	6.70					
		Females	6.59	6.90	6.50	6.30	6.90	6.80	6.50	5.90	6.90						
	4	Males	10.56	9.90	9.50	11.60	11.50	11.10	9.70	10.40	10.50	10.80					
		Females	10.23	10.00	9.60	9.90	9.80	11.00	10.80	9.80	10.90						
328	0	Males	6.94	6.70	6.60	7.60	6.70	7.30	6.60	7.40	6.80	6.70	7.10	6.60	7.20		
		Females	6.68	6.60	6.50	6.70	6.90										
	4	Males	9.18	8.80	9.70	8.70	8.60	9.70	9.40	9.40	10.30	9.10	9.10	8.60	8.80		
		Females	8.95	8.70	9.20	8.80	9.10										
329	0	Males	6.63	6.30	6.40	7.10	6.70	6.70	6.60								
		Females	6.47	6.50	6.50	6.60	6.20	6.70	6.50							6.30	
	4	Males	11.20	10.80	11.80	11.20	10.80	11.50	11.10								
		Females	10.44	10.60	11.30	10.60	10.70	10.70	10.30						8.90		
330	0	Males	6.11	6.50	6.50	6.10	6.60	6.20	5.40	5.90	5.80	6.30	5.80				
		Females	5.89	5.90	5.30	5.70	6.60	5.80	5.80	6.00	6.00						
	4	Males	9.10	9.50	8.60	8.60	9.60	8.30	8.60	10.20	10.10	8.10	9.40				
		Females	8.83	9.40	9.70	8.50	8.30	8.20	8.20	9.00	9.30						
331	0	Males	6.30	6.30	6.10	7.10	6.00	6.10	6.20								
		Females	5.98	6.30	5.80	6.60	5.90	5.70	5.80							6.00	6.00
	4	Males	10.65	11.50	10.50	10.50	10.10	10.70	10.60								
		Females	9.59	9.00	9.80	9.60	9.30	9.20	10.40							10.00	9.50
332	0	Males	7.18	7.00	7.30	6.90	7.20	7.50	7.20								
		Females	6.64	6.50	6.70	6.80	6.70	6.60	6.30							6.90	
	4	Males	10.12	9.80	10.50	10.40	10.00	9.60	10.40								
		Females	9.67	9.70	10.10	9.60	9.40	9.80	9.20							9.90	
333	0a	Males	5.51	5.60	5.60	5.60	5.00	5.70	5.30	5.70	5.60						
		Females	5.13	5.20	4.70	4.80	4.60	5.20	5.10	5.80	5.10				5.70		

a = One male was inadvertently weighed as a female.

Individual Pup Weights

Group: 3 Dose Level: 500 ppm

All measurements are grams

Animal Number	Day Number		Mean Weight	Individual Weights									
333	4	Males	8.63	8.50	9.00	8.00	8.50	9.20	9.10	9.00	7.60	8.80	
		Females	7.90	8.50	9.40	7.30	8.00	7.60	7.30	7.50	7.60		
334	0	Males	6.38	6.50	6.70	6.20	6.30	5.90	6.60	6.00	6.80		
		Females	6.19	6.70	5.90	6.00	6.90	5.90	5.90	6.00			
	4	Males	10.01	9.60	10.40	10.60	10.40	8.90	10.00	10.40	9.80		
		Females	9.61	9.00	9.30	9.80	9.20	9.20	10.50	10.30			
335	0	Males	6.14	7.00	5.20	6.30	6.40	6.20	5.90	6.00			
		Females	5.83	5.60	5.30	5.70	6.50	5.70	5.80	6.00			
	4	Males	10.31	11.80	10.30	10.30	10.70	7.80	10.10	11.20			
		Females	9.85	10.60	9.40	10.00	8.50	9.40	10.90	9.70		10.30	
336	0	Males	7.03	6.80	6.60	7.20	7.50	6.90	6.10	7.30	6.60	5.90	
		Females	6.47	6.10	6.20	6.00	7.10						
	4	Males	11.68	10.70	12.60	11.50	11.90	11.60	11.00	9.30	10.30	11.50	
		Females	10.52	9.30	11.20	9.70	10.80						

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

DuPont-18331

Individual Pup Weights

Group: 4		Dose Level: 3000 ppm		All measurements are grams											
Animal Number	Day Number		Mean Weight	Individual Weights											
425	0	Males	6.54	7.00	6.50	6.30	6.60	6.40	6.50	6.50					
		Females	6.26	6.40	6.20	6.00	6.70	6.20	6.20	5.90	6.50				
	4	Males	9.39	9.10	9.50	9.90	8.70	9.90	8.90	9.70					
		Females	9.19	8.70	9.00	8.80	9.60	9.30	9.40	9.30	9.40				
426	0	Males	6.04	5.90	5.10	6.00	6.30	6.10	6.50	6.10	6.30				
		Females	6.02	6.50	6.20	6.00	5.60	5.80							
	4	Males	10.50	10.60	10.30	10.80	11.30	8.50	11.00	10.50	11.00				
		Females	10.26	10.30	9.40	10.80	10.00	10.80							
427	0	Males	5.95	6.10	5.90	5.30	5.80	5.80	6.10	6.50	6.10				
		Females	5.66	6.10	5.50	5.50	5.50	5.90	5.30	5.70	6.20	4.70	6.20		
	4	Males	9.09	9.80	9.30	9.30	8.70	9.00	7.30	9.50	9.80				
		Females	8.73	7.10	9.30	8.60	8.50	8.70	7.80	9.10	9.70	9.50	9.00		
428	0	Males	7.18	7.50	7.70	7.00	7.20	6.50							
		Females	6.98	6.40	7.20	6.70	7.20	7.10	6.80	7.60	6.80				
	4	Males	10.94	11.20	10.60	11.50	10.40	11.00							
		Females	10.73	10.70	10.50	10.40	10.70	11.20	11.70	10.40	10.20				
429	0	Males	6.96	7.10	7.10	7.00	7.10	6.80	6.60	7.00					
		Females	6.68	6.40	6.70	6.70	6.30	7.20	6.80						
	4	Males	11.41	12.10	11.20	10.60	11.10	11.60	11.50	11.80					
		Females	10.92	10.90	10.30	11.30	10.30	11.30	11.40						
431	0	Males	6.08	6.20	6.30	6.00	5.80	6.10							
		Females	5.89	6.20	6.00	5.40	5.90	5.60	6.10	6.00	5.90				
	4	Males	8.90	8.60	8.70	9.00	9.00	9.20							
		Females	8.63	9.00	8.80	8.20	8.20	8.60	8.90	9.10	8.20				
432	0	Males	6.60	6.40	6.40	6.50	6.80	6.70	6.80	6.60					
		Females	7.20	6.10	6.10	12.40	6.20	6.10	6.30						
	4	Males	11.13	11.50	11.10	10.80	11.50	11.30	11.00	10.70					
		Females	10.77	10.90	10.50	10.80	10.90	11.10	10.40						
433	0	Males	6.67	6.60	6.90	6.50									
		Females	6.26	6.50	6.30	6.60	5.80	6.30	6.00	6.30					
	4	Males	10.60	10.60	10.90	10.30									
		Females	10.21	10.20	10.30	10.40	10.50	9.80	10.30	10.00					
434	0	Males	4.82	5.00	4.60	4.90	4.80	4.80							
		Females	4.70	5.10	4.70	4.20	5.00	4.60	5.30	4.00					

Individual Pup Weights

Group: 4		Dose Level: 3000 ppm		All measurements are grams											
Animal Number	Day Number		Mean Weight	Individual Weights											
434	4	Males	6.87	7.40	6.30	6.90									
		Females	7.23	5.70	7.60	6.80	8.80								
435	0	Males	6.60	6.40	6.80	6.40	6.80	6.30	6.80	6.90	6.40				
		Females	6.18	6.00	6.10	6.20	6.30	6.50	6.00						
	4	Males	10.55	10.70	11.40	11.00	11.00	10.50	9.90	9.60	10.30				
		Females	9.95	9.60	10.20	10.20	9.50	10.00	10.20						
436	0	Males	6.10	6.30	6.10	6.40	5.00	5.80	6.30	6.80					
		Females	5.93	6.10	6.40	5.80	6.20	5.20	6.00	6.00	6.00	5.80	5.80	5.90	
	4	Males	9.06	9.80	8.40	10.20	9.10	8.50	9.40	8.00					
		Females	9.05	10.20	9.00	9.20	8.80	9.10	9.10	9.60	9.10	9.00	7.70	8.70	

Appendix JJ
Individual Forelimb and Hindlimb Grip Strength - Subchronic

INDIVIDUAL FORELIMB AND HINDLIMB GRIP STRENGTH - SUBCHRONIC

EXPLANATORY NOTES

ABBREVIATIONS:

KG = Kilogram

... = No Data

Individual Forelimb and Hindlimb Grip Strength - Subchronic

Male, Group 1 - 0 ppm - Baseline

ANIMAL NUMBER	FORELIMB GRIP STRENGTH (KG)				HINDLIMB GRIP STRENGTH (KG)				Body Weight (g)
	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	
101	0.59	0.84	0.55	0.66	0.35	0.44	0.49	0.43	220.0
102	0.67	0.66	0.61	0.65	0.30	0.32	0.30	0.31	212.2
103	0.55	0.57	0.51	0.54	0.35	0.39	0.23	0.32	229.1
104	0.73	0.60	0.66	0.66	0.50	0.31	0.36	0.39	237.9
105	0.70	0.69	0.81	0.73	0.36	0.56	0.39	0.44	225.4
106	0.57	0.58	0.46	0.54	0.44	0.31	0.54	0.43	231.8
107	0.66	0.75	0.56	0.66	0.47	0.51	0.66	0.55	247.7
108	0.46	0.70	0.58	0.58	0.63	0.64	0.48	0.58	238.4
109	0.54	0.61	0.65	0.60	0.41	0.49	0.59	0.50	237.5
110	0.54	0.71	0.61	0.62	0.55	0.48	0.48	0.50	258.1
111	0.48	0.79	0.61	0.63	0.48	0.44	0.51	0.48	236.9
112	0.93	0.62	0.71	0.75	0.37	0.44	0.47	0.43	266.2

Individual Forelimb and Hindlimb Grip Strength - Subchronic

Male, Group 2 - 100 ppm - Baseline

ANIMAL NUMBER	FORELIMB GRIP STRENGTH (KG)				HINDLIMB GRIP STRENGTH (KG)				Body Weight (g)
	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	
201	0.80	0.70	0.62	0.71	0.41	0.41	0.34	0.39	223.9
202	0.59	0.60	0.51	0.57	0.30	0.26	0.43	0.33	220.3
203	0.39	0.53	0.53	0.48	0.39	0.43	0.42	0.41	235.3
204	0.52	0.46	0.55	0.51	0.32	0.38	0.32	0.34	232.5
205	0.69	0.87	0.80	0.79	0.39	0.40	0.49	0.43	235.5
206	0.41	0.45	0.45	0.44	0.31	0.30	0.32	0.31	225.0
207	0.59	0.73	0.60	0.64	0.42	0.44	0.42	0.43	234.4
208	0.70	0.69	0.91	0.77	0.58	0.49	0.39	0.49	231.8
209	0.77	0.75	0.81	0.78	0.34	0.39	0.42	0.38	226.8
210	0.63	0.62	0.59	0.61	0.74	0.64	0.56	0.65	256.6
211	0.95	0.68	0.69	0.77	0.60	0.46	0.44	0.50	240.5
212	0.56	0.47	0.83	0.62	0.48	0.32	0.42	0.41	266.3

Individual Forelimb and Hindlimb Grip Strength - Subchronic

Male, Group 3 - 500 ppm - Baseline

ANIMAL NUMBER	FORELIMB GRIP STRENGTH (KG)				HINDLIMB GRIP STRENGTH (KG)				Body Weight (g)
	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	
301	0.73	0.86	0.59	0.73	0.52	0.35	0.52	0.46	208.2
302	0.64	0.67	0.59	0.63	0.49	0.46	0.37	0.44	230.3
303	0.57	0.46	0.62	0.55	0.43	0.38	0.32	0.38	215.0
304	0.63	0.73	0.83	0.73	0.50	0.23	0.25	0.33	230.0
305	0.45	0.45	0.53	0.48	0.27	0.25	0.25	0.26	218.5
306	0.54	0.51	0.74	0.60	0.53	0.37	0.48	0.46	237.5
307	0.64	0.64	0.66	0.65	0.44	0.32	0.36	0.37	235.8
308	0.70	0.61	0.71	0.67	0.41	0.32	0.27	0.33	240.0
309	0.62	0.62	0.66	0.63	0.43	0.48	0.40	0.44	258.5
310	0.48	0.50	0.49	0.49	0.36	0.26	0.24	0.29	262.2
311	0.61	0.57	0.69	0.62	0.50	0.82	0.43	0.58	249.1
312	0.59	0.76	0.63	0.66	0.39	0.37	0.43	0.40	232.5

Individual Forelimb and Hindlimb Grip Strength - Subchronic

Male, Group 4 - 3000 ppm - Baseline

ANIMAL NUMBER	FORELIMB GRIP STRENGTH (KG)				HINDLIMB GRIP STRENGTH (KG)				Body Weight (g)
	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	
401	0.60	0.81	0.57	0.66	0.28	0.34	0.20	0.27	211.4
402	0.63	0.65	0.59	0.62	0.31	0.37	0.41	0.36	215.8
403	0.47	0.56	0.67	0.57	0.38	0.39	0.41	0.39	220.7
404	0.51	0.68	0.63	0.61	0.41	0.34	0.37	0.37	232.5
405	0.48	0.56	0.60	0.55	0.30	0.43	0.51	0.41	222.8
406	0.64	0.57	0.51	0.57	0.41	0.45	0.32	0.39	234.0
407	0.45	0.66	0.58	0.56	0.64	0.62	0.40	0.55	252.6
408	0.61	0.63	0.71	0.65	0.59	0.53	0.75	0.62	279.1
409	0.76	0.69	0.69	0.71	0.58	0.54	0.45	0.52	245.6
410	0.62	0.55	0.51	0.56	0.43	0.40	0.62	0.48	256.4
411	0.69	0.76	0.88	0.78	0.53	0.68	0.45	0.55	253.0
412	0.67	0.67	0.64	0.66	0.61	0.52	0.58	0.57	138.2

Individual Forelimb and Hindlimb Grip Strength - Subchronic

Female, Group 1 - 0 ppm - Baseline

ANIMAL NUMBER	FORELIMB GRIP STRENGTH (KG)				HINDLIMB GRIP STRENGTH (KG)				Body Weight (g)
	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	
113	0.92	0.96	1.11	1.00	0.42	0.36	0.41	0.40	191.1
114	0.54	0.67	0.71	0.64	0.55	0.64	0.51	0.57	191.7
115	0.47	0.66	0.57	0.57	0.46	0.31	0.26	0.34	180.6
116	0.81	0.75	0.58	0.71	0.36	0.47	0.32	0.38	184.4
117	0.83	0.64	0.76	0.74	0.27	0.28	0.35	0.30	199.8
118	0.56	0.59	0.56	0.57	0.25	0.25	0.43	0.31	176.0
119	0.75	0.76	0.75	0.75	0.45	0.33	0.21	0.33	204.5
120	0.75	0.67	0.78	0.73	0.59	0.33	0.25	0.39	197.2
121	0.67	0.62	0.50	0.60	0.49	0.46	0.33	0.43	187.0
122	0.72	0.88	0.88	0.83	0.42	0.44	0.42	0.43	205.4
123	0.53	0.68	0.87	0.69	0.55	0.40	0.34	0.43	202.7
124	0.81	0.95	0.61	0.79	0.51	0.47	0.49	0.49	207.4

Individual Forelimb and Hindlimb Grip Strength - Subchronic

Female, Group 2 - 100 ppm - Baseline

ANIMAL NUMBER	FORELIMB GRIP STRENGTH (KG)				HINDLIMB GRIP STRENGTH (KG)				Body Weight (g)
	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	
213	0.70	0.70	0.76	0.72	0.33	0.41	0.47	0.40	192.3
214	0.78	0.79	0.77	0.78	0.50	0.39	0.39	0.43	194.3
215	0.61	0.56	0.43	0.53	0.54	0.48	0.47	0.50	185.5
216	0.68	0.45	0.57	0.57	0.35	0.36	0.32	0.34	196.9
217	0.77	0.60	0.45	0.61	0.29	0.38	0.26	0.31	204.1
218	0.50	0.79	0.76	0.68	0.43	0.57	0.37	0.46	191.5
219	0.48	0.85	0.66	0.66	0.21	0.23	0.41	0.28	181.6
220	1.04	0.85	0.85	0.91	0.36	0.40	0.50	0.42	214.2
221	0.72	0.90	0.72	0.78	0.65	0.59	0.37	0.54	198.6
222	0.44	0.93	0.67	0.68	0.49	0.43	0.33	0.42	202.2
223	0.56	0.66	0.79	0.67	0.25	0.41	0.33	0.33	209.9
224	0.47	0.46	0.38	0.44	0.46	0.62	0.43	0.50	198.6

Individual Forelimb and Hindlimb Grip Strength - Subchronic

Female, Group 3 - 500 ppm - Baseline

ANIMAL NUMBER	FORELIMB GRIP STRENGTH (KG)				HINDLIMB GRIP STRENGTH (KG)				Body Weight (g)
	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	
313	0.42	0.50	0.67	0.53	0.48	0.45	0.39	0.44	178.6
314	0.86	0.65	0.93	0.81	0.34	0.45	0.41	0.40	182.9
315	0.54	0.52	0.48	0.51	0.44	0.51	0.52	0.49	185.9
316	0.56	0.62	0.71	0.63	0.60	0.42	0.65	0.56	186.1
317	0.96	0.96	1.02	0.98	0.46	0.55	0.33	0.45	195.3
318	0.51	0.76	0.56	0.61	0.27	0.38	0.38	0.34	191.1
319	0.72	0.83	0.72	0.76	0.40	0.42	0.39	0.40	183.4
320	0.71	0.82	0.91	0.81	0.52	0.45	0.46	0.48	198.8
321	0.76	0.77	0.79	0.77	0.27	0.26	0.29	0.27	194.4
322	0.71	0.98	0.90	0.86	0.61	0.28	0.46	0.45	208.9
323	0.81	0.86	0.75	0.81	0.46	0.51	0.33	0.43	212.8
324	0.43	0.51	0.40	0.45	0.31	0.46	0.40	0.39	212.8

Individual Forelimb and Hindlimb Grip Strength - Subchronic

Female, Group 4 - 3000 ppm - Baseline

ANIMAL NUMBER	FORELIMB GRIP STRENGTH (KG)				HINDLIMB GRIP STRENGTH (KG)				Body Weight (g)
	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	
413	0.61	0.64	0.64	0.63	0.47	0.47	0.45	0.46	185.6
414	0.82	0.81	0.79	0.81	0.51	0.66	0.65	0.61	188.5
415	0.70	0.95	0.62	0.76	0.51	0.47	0.51	0.50	297.0
416	0.58	0.86	0.61	0.68	0.38	0.52	0.50	0.47	202.9
417	0.80	0.78	0.73	0.77	0.55	0.32	0.57	0.48	190.1
418	0.67	0.70	0.67	0.68	0.24	0.26	0.25	0.25	190.0
419	0.70	0.75	0.53	0.66	0.28	0.30	0.26	0.28	187.2
420	0.58	0.80	0.82	0.73	0.43	0.45	0.46	0.45	189.5
421	0.53	0.69	0.69	0.64	0.27	0.37	0.41	0.35	203.9
422	0.48	0.67	0.58	0.58	0.51	0.50	0.41	0.47	193.9
423	0.59	0.55	0.92	0.69	0.46	0.35	0.43	0.41	185.6
424	0.54	0.67	0.67	0.63	0.34	0.36	0.45	0.38	208.9

Individual Forelimb and Hindlimb Grip Strength - Subchronic

Male, Group 1 - 0 ppm - Week 4

ANIMAL NUMBER	FORELIMB GRIP STRENGTH (KG)				HINDLIMB GRIP STRENGTH (KG)				Body Weight (g)
	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	
101	0.65	0.60	0.48	0.58	0.47	0.49	0.79	0.58	454.7
102	0.38	0.44	0.47	0.43	0.47	0.51	0.41	0.46	422.8
103	0.78	0.91	0.91	0.87	0.46	0.55	0.50	0.50	434.6
104	0.71	0.83	0.61	0.72	0.55	0.77	0.68	0.67	505.7
105	1.19	1.11	1.07	1.12	0.68	0.59	0.62	0.63	381.0
106	1.34	1.25	1.02	1.20	0.80	0.85	0.86	0.84	475.6
107	1.00	1.50	1.14	1.21	1.00	0.93	0.78	0.90	393.4
108	0.60	0.79	0.91	0.77	0.91	0.57	0.57	0.68	458.6
109	1.24	0.87	0.78	0.96	0.70	0.70	0.59	0.66	396.1
110	0.99	1.39	1.19	1.19	0.66	0.77	0.61	0.68	432.2
111	1.13	0.95	0.97	1.02	0.69	0.61	0.58	0.63	369.8
112	1.10	1.31	1.05	1.15	0.51	0.69	0.43	0.54	465.2

Individual Forelimb and Hindlimb Grip Strength - Subchronic

Male, Group 2 - 100 ppm - Week 4

ANIMAL NUMBER	FORELIMB GRIP STRENGTH (KG)				HINDLIMB GRIP STRENGTH (KG)				Body Weight (g)
	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	
201	0.57	0.51	0.31	0.46	0.37	0.43	0.32	0.37	399.7
202	0.57	0.72	0.57	0.62	0.46	0.45	0.63	0.51	426.8
203	0.53	0.66	0.81	0.67	0.49	0.39	0.69	0.52	466.8
204	0.75	0.78	1.30	0.94	0.62	0.30	0.72	0.55	415.9
205	0.81	0.91	0.82	0.85	0.73	0.76	0.62	0.70	472.8
206	0.90	0.88	0.56	0.78	0.33	0.38	0.43	0.38	425.4
207	0.84	0.72	0.87	0.81	0.56	0.58	0.50	0.55	381.3
208	1.09	0.83	0.98	0.97	0.72	0.40	0.47	0.53	412.8
209	0.57	0.57	0.52	0.55	0.67	0.79	0.63	0.70	424.9
210	1.46	0.94	0.90	1.10	0.56	0.57	0.53	0.55	430.9
211	1.32	1.27	0.92	1.17	0.40	0.48	0.37	0.42	364.1
212	0.65	...	...	0.65	0.47	0.71	0.51	0.56	451.5

Individual Forelimb and Hindlimb Grip Strength - Subchronic

Male, Group 3 - 500 ppm - Week 4

ANIMAL NUMBER	FORELIMB GRIP STRENGTH (KG)				HINDLIMB GRIP STRENGTH (KG)				Body Weight (g)
	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	
301	0.72	0.79	0.68	0.73	0.70	0.66	0.81	0.72	401.8
302	1.01	0.87	0.67	0.85	0.56	0.40	0.51	0.49	400.0
303	0.74	1.06	0.82	0.87	0.84	0.67	0.63	0.71	410.0
304	1.36	1.65	1.68	1.56	0.47	0.79	0.67	0.64	443.8
305	0.55	0.42	0.41	0.46	0.37	0.38	0.53	0.43	325.2
306	0.62	0.52	1.05	0.73	0.71	0.80	0.56	0.69	411.1
307	0.54	0.54	0.66	0.58	0.67	0.40	0.70	0.59	444.3
308	0.77	0.60	0.50	0.62	0.36	0.40	0.36	0.37	407.9
309	1.04	1.02	1.10	1.05	0.50	0.61	0.53	0.55	483.2
310	0.35	0.31	0.27	0.31	0.51	0.32	0.64	0.49	480.2
311	0.71	0.58	0.51	0.60	0.57	0.61	0.66	0.61	421.2
312	1.05	0.95	0.91	0.97	0.52	0.47	0.80	0.60	335.1

Individual Forelimb and Hindlimb Grip Strength - Subchronic

Male, Group 4 - 3000 ppm - Week 4

ANIMAL NUMBER	FORELIMB GRIP STRENGTH (KG)				HINDLIMB GRIP STRENGTH (KG)				Body Weight (g)
	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	
401	0.76	1.19	0.89	0.95	0.60	0.41	0.46	0.49	368.1
402	0.89	0.71	0.57	0.72	0.48	0.61	0.56	0.55	423.7
403	0.95	0.74	1.05	0.91	0.47	0.54	0.53	0.51	396.5
404	1.01	1.49	0.97	1.16	0.59	0.59	0.62	0.60	425.6
405	1.14	1.08	1.27	1.16	0.66	0.73	0.46	0.62	365
406	0.95	0.78	0.78	0.84	0.61	0.61	0.62	0.61	404.8
407	1.32	0.78	0.56	0.89	0.46	0.73	0.88	0.69	415.4
408	1.10	1.35	1.33	1.26	0.36	0.51	0.66	0.51	460.7
409	0.82	0.58	0.41	0.60	0.75	0.72	0.73	0.73	454.5
410	0.95	0.64	1.20	0.93	0.67	0.74	0.51	0.64	438.8
411	0.92	0.62	0.62	0.72	0.40	0.82	0.27	0.50	411.5
412	0.34	0.90	1.46	0.90	0.80	0.70	0.83	0.78	434.7

Individual Forelimb and Hindlimb Grip Strength - Subchronic

Female, Group 1 - 0 ppm - Week 4

ANIMAL NUMBER	FORELIMB GRIP STRENGTH (KG)				HINDLIMB GRIP STRENGTH (KG)				Body Weight (g)
	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	
113	0.57	0.95	0.90	0.81	0.57	0.66	0.67	0.63	253.4
114	0.51	0.46	0.77	0.58	0.42	0.53	0.51	0.49	300.5
115	0.60	0.77	0.52	0.63	0.64	0.73	0.42	0.60	238.6
116	...	...	...	...	0.52	0.46	0.37	0.45	222.0
117	1.06	0.80	0.96	0.94	0.43	0.45	0.53	0.47	290.9
118	0.38	0.50	0.32	0.40	0.60	0.48	0.47	0.52	238.2
119	1.10	1.07	0.93	1.03	0.42	0.45	0.42	0.43	288.9
120	0.60	0.44	0.40	0.48	0.56	0.52	0.74	0.61	285.4
121	0.89	0.50	0.40	0.60	0.32	0.54	0.45	0.44	267.7
122	0.68	0.74	0.57	0.66	0.63	0.88	0.50	0.67	267.7
123	0.53	0.79	1.00	0.77	0.41	0.33	0.33	0.36	289.2
124	0.42	0.36	0.89	0.56	0.53	0.36	0.58	0.49	290.7

Individual Forelimb and Hindlimb Grip Strength - Subchronic

Female, Group 2 - 100 ppm - Week 4

	FORELIMB GRIP STRENGTH (KG)				HINDLIMB GRIP STRENGTH (KG)				Body Weight (g)
	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	
ANIMAL NUMBER									
213	1.08	0.95	0.68	0.90	0.48	0.36	0.60	0.48	230.8
214	1.07	0.92	0.86	0.95	0.47	0.45	0.48	0.47	264.0
215	0.52	0.64	0.51	0.56	0.51	0.65	0.70	0.62	239.5
216	0.61	0.66	1.07	0.78	0.43	0.39	0.41	0.41	271.7
217	0.80	0.81	0.62	0.74	0.40	0.41	0.46	0.42	270.8
218	0.78	0.74	0.60	0.71	0.42	0.46	0.55	0.48	280.3
219	0.59	0.51	0.64	0.58	0.38	0.35	0.47	0.40	248.5
220	0.64	1.03	0.95	0.87	0.56	0.41	0.49	0.49	292.7
221	0.95	1.08	0.87	0.97	0.79	0.48	0.46	0.58	266.4
222	1.02	0.80	1.00	0.94	0.60	0.51	0.57	0.56	167.5
223	0.96	0.62	1.05	0.88	0.59	0.47	0.44	0.50	293.6
224	0.53	0.51	0.56	0.53	0.44	0.53	0.45	0.47	240.2

Individual Forelimb and Hindlimb Grip Strength - Subchronic

Female, Group 3 - 500 ppm - Week 4

ANIMAL NUMBER	FORELIMB GRIP STRENGTH (KG)				HINDLIMB GRIP STRENGTH (KG)				Body Weight (g)
	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	
313	0.38	0.38	0.38	0.38	0.30	0.40	0.36	0.35	263.8
314	0.79	0.77	1.11	0.89	0.42	0.62	0.46	0.50	235.9
315	0.65	0.64	0.64	0.64	0.50	0.51	0.52	0.51	255.7
316	0.70	1.01	0.94	0.88	0.71	0.66	0.77	0.71	250.2
317	0.64	0.68	0.57	0.63	0.51	0.41	0.37	0.43	225.5
318	0.70	0.85	0.85	0.80	0.33	0.47	0.47	0.42	279.2
319	0.62	0.92	0.62	0.72	0.61	0.47	0.61	0.56	256.5
320	0.42	0.91	0.76	0.70	0.60	0.49	0.54	0.54	314.5
321	0.77	1.14	0.86	0.92	0.27	0.35	0.39	0.34	280.5
322	0.89	0.92	1.27	1.03	0.55	0.50	0.53	0.53	279.2
323	1.05	0.85	1.19	1.03	0.52	0.45	0.44	0.47	292.8
324	0.56	0.71	0.75	0.67	0.37	0.35	0.37	0.36	282.2

Individual Forelimb and Hindlimb Grip Strength - Subchronic

Female, Group 4 - 3000 ppm - Week 4

ANIMAL NUMBER	FORELIMB GRIP STRENGTH (KG)				HINDLIMB GRIP STRENGTH (KG)				Body Weight (g)
	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	
413	0.70	0.43	0.51	0.55	0.66	0.42	0.51	0.53	253.9
414	1.05	1.00	0.71	0.92	0.70	0.71	0.50	0.64	257.0
415	0.48	0.66	0.55	0.56	0.64	0.70	0.53	0.62	246.5
416	0.80	0.51	0.78	0.70	0.51	0.44	0.55	0.50	283.2
417	0.74	0.95	0.71	0.80	0.51	0.49	0.60	0.53	260.0
418	0.43	0.39	0.70	0.51	0.35	0.42	0.45	0.41	270.8
419	0.36	0.51	0.56	0.48	0.33	0.36	0.29	0.33	217.9
420	0.61	0.61	0.75	0.66	0.43	0.61	0.44	0.49	227.7
421	1.19	1.13	1.27	1.20	0.42	0.51	0.35	0.43	234.5
422	0.52	0.83	0.76	0.70	0.53	0.46	0.52	0.50	249.8
423	0.76	0.72	0.68	0.72	0.50	0.40	0.38	0.43	239.1
424	0.35	0.37	0.41	0.38	0.47	0.47	0.86	0.60	281.9

Appendix KK
Individual Forelimb and Hindlimb Grip Strength - Satellite

INDIVIDUAL FORELIMB AND HINDLIMB GRIP STRENGTH - SATELLITE

EXPLANATORY NOTES

ABBREVIATIONS:

KG = Kilogram

Individual Forelimb and Hindlimb Grip Strength - Satellite

Female, Group 1 - 0 ppm - Baseline

ANIMAL NUMBER	FORELIMB GRIP STRENGTH (KG)				HINDLIMB GRIP STRENGTH (KG)				Body Weight (g)
	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	
125	0.81	0.71	0.63	0.72	0.73	0.50	0.37	0.53	208.1
126	0.86	0.69	0.58	0.71	0.51	0.46	0.63	0.53	204.2
127	0.74	0.59	0.54	0.62	0.43	0.38	0.42	0.41	200.7
128	0.68	0.53	0.46	0.56	0.47	0.47	0.44	0.46	215.4
129	0.72	1.00	0.51	0.74	0.40	0.41	0.35	0.39	213.9
130	0.74	0.55	0.76	0.68	0.54	0.45	0.56	0.52	199.5
131	0.65	0.51	0.70	0.62	0.38	0.43	0.47	0.43	194.7
132	0.73	0.50	0.79	0.67	0.40	0.48	0.47	0.45	211.7
133	0.74	0.90	0.76	0.80	0.44	0.35	0.40	0.40	206.3
134	0.69	0.85	0.79	0.78	0.62	0.46	0.52	0.53	191.7
135	0.80	0.55	0.67	0.67	0.52	0.37	0.66	0.52	203.1
136	0.73	0.79	0.80	0.77	0.56	0.38	0.47	0.47	205.8

Individual Forelimb and Hindlimb Grip Strength - Satellite

Female, Group 2 - 100 ppm - Baseline

ANIMAL NUMBER	FORELIMB GRIP STRENGTH (KG)				HINDLIMB GRIP STRENGTH (KG)				Body Weight (g)
	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	
225	0.84	0.96	1.10	0.97	0.59	0.37	0.53	0.50	198.6
226	0.72	0.71	1.03	0.82	0.57	0.32	0.61	0.50	188.2
227	0.56	0.51	0.71	0.59	0.63	0.42	0.46	0.50	222.3
228	0.60	0.65	0.61	0.62	0.56	0.42	0.33	0.44	199.0
229	1.11	1.13	0.96	1.07	0.56	0.74	0.50	0.60	219.9
230	0.81	0.72	0.84	0.79	0.64	0.57	0.46	0.56	214.2
231	0.80	0.68	0.74	0.74	0.39	0.52	0.54	0.48	214.1
232	0.79	0.59	0.72	0.70	0.49	0.58	0.56	0.54	193.3
233	0.60	0.77	0.91	0.76	0.51	0.46	0.55	0.51	201.3
234	0.69	0.81	0.75	0.75	0.41	0.48	0.46	0.45	184.6
235	0.70	0.73	0.72	0.72	0.48	0.53	0.41	0.47	202.1
236	0.96	0.84	0.90	0.90	0.42	0.37	0.38	0.39	196.8

Individual Forelimb and Hindlimb Grip Strength - Satellite

Female, Group 3 - 500 ppm - Baseline

ANIMAL NUMBER	FORELIMB GRIP STRENGTH (KG)				HINDLIMB GRIP STRENGTH (KG)				Body Weight (g)
	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	
325	0.81	0.70	0.71	0.74	0.52	0.52	0.63	0.56	185.7
326	0.89	1.11	1.12	1.04	0.46	0.38	0.46	0.43	217.5
327	0.85	0.75	0.66	0.75	0.36	0.44	0.67	0.49	211.4
328	0.73	0.58	0.59	0.63	0.66	0.52	0.40	0.53	195.5
329	0.72	0.68	0.81	0.74	0.39	0.42	0.41	0.41	208.8
330	0.81	0.86	0.78	0.82	0.46	0.40	0.61	0.49	212.5
331	0.72	0.70	0.77	0.73	0.41	0.42	0.61	0.48	205.4
332	0.61	0.71	1.00	0.77	0.57	0.61	0.87	0.68	189.2
333	0.52	0.80	0.71	0.68	0.48	0.44	0.31	0.41	197.6
334	0.76	0.95	0.79	0.83	0.51	0.54	0.56	0.54	187.7
335	0.71	0.86	0.76	0.78	0.40	0.48	0.60	0.49	210.2
336	0.64	0.73	0.72	0.70	0.53	0.48	0.39	0.47	203.7

Individual Forelimb and Hindlimb Grip Strength - Satellite

Female, Group 4 - 3000 ppm - Baseline

ANIMAL NUMBER	FORELIMB GRIP STRENGTH (KG)				HINDLIMB GRIP STRENGTH (KG)				Body Weight (g)
	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	
425	0.69	0.69	0.84	0.74	0.51	0.30	0.38	0.40	210.5
426	0.64	0.88	0.75	0.76	0.37	0.47	0.59	0.48	214.2
427	0.68	0.66	0.78	0.71	0.60	0.48	0.64	0.57	204.2
428	0.50	0.71	0.76	0.66	0.51	0.51	0.30	0.44	203.7
429	0.76	0.90	0.92	0.86	0.37	0.45	0.40	0.41	202.7
431	0.63	0.51	0.66	0.60	0.48	0.46	0.50	0.48	194.0
432	0.40	0.37	0.61	0.46	0.37	0.31	0.31	0.33	224.5
433	0.47	0.66	0.83	0.65	0.26	0.22	0.28	0.25	199.6
434	0.52	0.73	0.71	0.65	0.32	0.33	0.35	0.33	171.8
435	0.61	0.69	0.64	0.65	0.34	0.33	0.46	0.38	215.6
436	0.84	0.98	0.70	0.84	0.61	0.41	0.46	0.49	216.9

Individual Forelimb and Hindlimb Grip Strength - Satellite

Female, Group 1 - 0 ppm - Lactation Day 4

ANIMAL NUMBER	FORELIMB GRIP STRENGTH (KG)				HINDLIMB GRIP STRENGTH (KG)				Body Weight (g)
	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	
125	0.74	0.62	0.66	0.67	0.71	0.46	0.82	0.66	360.2
126	0.60	0.98	0.65	0.74	0.46	0.39	0.49	0.45	340.6
127	0.51	0.61	0.48	0.53	0.58	0.48	0.49	0.52	328.7
128	0.55	0.75	0.69	0.66	0.58	0.52	0.43	0.51	346.0
129	0.54	0.52	0.67	0.58	0.44	0.41	0.36	0.40	328.6
130	1.15	1.01	0.89	1.02	0.45	0.73	0.57	0.58	317.2
131	0.65	0.81	0.57	0.68	0.59	0.70	0.59	0.63	297.3
132	0.71	0.51	0.44	0.55	0.55	0.61	0.49	0.55	349.9
133	1.03	1.07	1.01	1.04	0.56	0.47	0.34	0.46	356.5
134	0.83	0.81	0.67	0.77	0.56	0.46	0.42	0.48	292.0
135	0.61	0.67	0.49	0.59	0.46	0.51	0.39	0.45	285.5
136	0.56	0.50	0.47	0.51	0.61	0.55	0.54	0.57	361.1

Individual Forelimb and Hindlimb Grip Strength - Satellite

Female, Group 2 - 100 ppm - Lactation Day 4

ANIMAL NUMBER	FORELIMB GRIP STRENGTH (KG)				HINDLIMB GRIP STRENGTH (KG)				Body Weight (g)
	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	
225	0.99	0.87	0.98	0.95	0.73	0.86	0.78	0.79	336.8
226	0.96	0.77	0.59	0.77	0.56	0.47	0.42	0.48	285.9
227	0.71	0.61	0.75	0.69	0.65	0.40	0.31	0.45	361.3
228	0.78	1.08	0.75	0.87	0.59	0.73	0.64	0.65	344.5
229	0.99	0.95	1.04	0.99	0.57	0.44	0.32	0.44	341.4
230	0.77	0.93	0.48	0.73	0.54	0.32	0.34	0.40	352.1
231	0.93	0.98	0.74	0.88	0.53	0.52	0.41	0.49	352.9
232	0.66	0.76	0.81	0.74	0.64	0.61	0.76	0.67	352.6
233	1.00	0.94	0.82	0.92	0.42	0.52	0.55	0.50	294.8
234	1.08	1.06	0.76	0.97	0.58	0.48	0.76	0.61	305.0
235	0.70	1.07	0.75	0.84	0.59	0.57	0.44	0.53	319.0
236	0.64	0.66	0.58	0.63	0.37	0.46	0.44	0.42	316.3

Individual Forelimb and Hindlimb Grip Strength - Satellite

Female, Group 3 - 500 ppm - Lactation Day 4

ANIMAL NUMBER	FORELIMB GRIP STRENGTH (KG)				HINDLIMB GRIP STRENGTH (KG)				Body Weight (g)
	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	
325	0.71	0.61	0.60	0.64	0.74	0.58	0.55	0.62	323.6
326	0.76	1.22	0.94	0.97	0.51	0.46	0.48	0.48	378.8
327	0.75	0.60	0.49	0.61	0.43	0.34	0.30	0.36	348.3
328	0.49	0.65	0.49	0.54	0.38	0.57	0.48	0.48	321.5
329	0.77	0.88	0.50	0.72	0.54	0.47	0.42	0.48	330.3
330	1.05	1.07	1.14	1.09	0.57	0.62	0.59	0.59	342.0
331	0.72	0.68	0.81	0.74	0.54	0.43	0.32	0.43	330.8
332	0.68	0.73	0.75	0.72	0.48	0.49	0.34	0.44	313.4
333	1.09	0.91	0.76	0.92	0.33	0.47	0.43	0.41	337.0
334	0.81	0.73	0.81	0.78	0.51	0.50	0.50	0.50	300.3
335	0.73	0.76	0.57	0.69	0.51	0.44	0.42	0.46	337.5
336	0.97	0.87	0.86	0.90	0.39	0.48	0.51	0.46	314.3

Individual Forelimb and Hindlimb Grip Strength - Satellite

Female, Group 4 - 3000 ppm - Lactation Day 4

ANIMAL NUMBER	FORELIMB GRIP STRENGTH (KG)				HINDLIMB GRIP STRENGTH (KG)				Body Weight (g)
	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	TRIAL 1	TRIAL 2	TRIAL 3	Mean of Three Trials	
425	0.85	1.00	0.78	0.88	0.69	0.82	0.38	0.63	305.2
426	0.50	0.51	0.53	0.51	0.30	0.41	0.49	0.40	315.0
427	0.83	1.03	0.77	0.88	0.53	0.54	0.61	0.56	321.6
428	0.66	0.51	0.55	0.57	0.32	0.38	0.35	0.35	322.6
429	0.85	0.92	1.12	0.96	0.61	0.47	0.69	0.59	318.5
431	0.80	0.87	0.81	0.83	0.56	0.53	0.45	0.51	303.7
432	0.78	0.80	0.90	0.83	0.37	0.46	0.53	0.45	331.0
433	0.61	1.06	0.99	0.89	0.66	0.40	0.50	0.52	262.0
434	0.74	0.62	0.60	0.65	0.42	0.35	0.37	0.38	273.0
435	0.67	0.77	0.44	0.63	0.66	0.79	0.61	0.69	310.0
436	0.65	0.67	0.86	0.73	0.36	0.51	0.45	0.44	313.8

Appendix LL
Individual Abbreviated Functional Observational Battery Assessment - Subchronic

INDIVIDUAL ABBREVIATED FUNCTIONAL OBSERVATIONAL
BATTERY ASSESSMENT - SUBCHRONIC

EXPLANATORY NOTES

ABBREVIATIONS:

Sensory Motor Function:

APPROACH & TOUCH: -1 = no reaction
 0 = normal
 1 = increased reaction (jumps away or attacks)

AUDITORY STIMULUS: -1 = no reaction
 0 = normal reaction (rat flinches or flicks ear)
 1 = exaggerated reaction (rat jumps, flips)

TAIL PINCH: -1 = no response
 0 = normal (turns toward site)
 1 = exaggerated response (vocalizations, rapid turning)

In Motor Activity Monitor:

PUPILLARY RESPONSE: 0 = present
 1 = absent

DIARRHEA: 0 = absent
 1 = present

POLYURIA: 0 = absent
 1 = present

Footnotes:

a = missing toe(s)
b = stain perineum brown
c = swollen toe(s) and/or paw(s)
d = ear flicks during manipulations
e = end of tail missing
f = stained face, red

Individual Abbreviated Functional Observational
 Battery Assessment - Subchronic

FOOTNOTES	MANIPULATIONS			MOTOR ACTIVITY		
	APPROACH & TOUCH (-1,0,1)	AUDITORY STIMULUS (-1,0,1)	TAIL PINCH (-1,0,1)	PUPILLARY RESPONSE (0,1)	DIARRHEA (0,1)	POLYURIA (0,1)

Male, Group 1 - 0 ppm - Baseline

101	0	0	0	0	0	0
102	0	0	0	0	0	0
103	0	0	0	0	0	0
104	0	0	0	0	0	0
105	0	0	0	0	0	0
106	0	0	0	0	0	0
107	0	0	0	0	0	0
108	0	0	0	0	0	0
109	0	0	0	0	0	0
110	0	0	0	0	0	0
111	0	0	0	0	0	0
112	0	0	0	0	0	0

Male, Group 2 - 100 ppm - Baseline

201	0	0	0	0	0	0
202	0	0	0	0	0	0
203	0	0	0	0	0	0
204	0	0	0	0	0	0
205	0	0	0	0	0	0
206	0	0	0	0	0	0
207	0	0	0	0	0	0
208	0	0	0	0	0	0
209	0	0	0	0	0	0
210	0	0	0	0	0	0
211	0	0	0	0	0	0
212	0	0	0	0	0	0

Individual Abbreviated Functional Observational
 Battery Assessment - Subchronic

FOOTNOTES	MANIPULATIONS			MOTOR ACTIVITY		
	APPROACH & TOUCH (-1,0,1)	AUDITORY STIMULUS (-1,0,1)	TAIL FINCH (-1,0,1)	PUPILLARY RESPONSE (0,1)	DIARRHEA (0,1)	POLYURIA (0,1)

Male, Group 3 - 500 ppm - Baseline

301	0	0	0	0	0	0
302	0	0	0	0	0	0
303	0	0	0	0	0	0
304	0	0	0	0	0	0
305	0	0	0	0	0	0
306	0	0	0	0	0	0
307	0	0	0	0	0	0
308	0	0	0	0	0	0
309	0	0	0	0	0	0
310	0	0	0	0	0	0
311	0	0	0	0	0	0
312	0	0	0	0	0	0

Male, Group 4 - 3000 ppm - Baseline

401	0	0	0	0	0	0
402	0	0	0	0	0	0
403	0	0	0	0	0	0
404	0	0	0	0	0	0
405	0	0	0	0	0	0
406	0	0	0	0	0	0
407	0	0	0	0	0	0
408	0	0	0	0	0	0
409	0	0	0	0	0	0
410	0	0	0	0	0	0
411	0	0	0	0	0	0
412	0	0	0	0	0	0

Individual Abbreviated Functional Observational
 Battery Assessment - Subchronic

	FOOTNOTES	MANIPULATIONS			MOTOR ACTIVITY		
		APPROACH & TOUCH	AUDITORY STIMULUS	TAIL PINCH	PUPILLARY RESPONSE	DIARRHEA	POLYURIA
		(-1, 0, 1)	(-1, 0, 1)	(-1, 0, 1)	(0, 1)	(0, 1)	(0, 1)
FEMALE, Group 1 - 0 ppm - Baseline							
113		0	0	0	0	0	0
114		0	0	0	0	0	0
115		0	0	0	0	0	0
116		0	0	0	0	0	0
117		0	0	0	0	0	0
118		0	0	0	0	0	0
119		0	0	0	0	0	0
120		0	0	0	0	0	0
121		0	0	0	0	0	0
122		0	0	0	0	0	0
123		0	0	0	0	0	0
124		0	0	0	0	0	0
FEMALE, Group 2 - 100 ppm - Baseline							
213		0	0	0	0	0	0
214		0	0	0	0	0	0
215		0	0	0	0	0	0
216		0	0	0	0	0	0
217		0	0	0	0	0	0
218		0	0	0	0	0	0
219		0	0	0	0	0	0
220		0	0	0	0	0	0
221		0	0	0	0	0	0
222		0	0	0	0	0	0
223		0	0	0	0	0	0
224		0	0	0	0	0	0

Individual Abbreviated Functional Observational
 Battery Assessment - Subchronic

	FOOTNOTES	MANIPULATIONS			MOTOR ACTIVITY		
		APPROACH & TOUCH (-1, 0, 1)	AUDITORY STIMULUS (-1, 0, 1)	TAIL PINCH (-1, 0, 1)	PUPILLARY RESPONSE (0, 1)	DIARRHEA (0, 1)	POLYURIA (0, 1)
FEMALE, Group 3 - 500 ppm - Baseline							
313		0	0	0	0	0	0
314		0	0	0	0	0	0
315		0	0	0	0	0	0
316		0	0	0	0	0	0
317		0	0	0	0	0	0
318		0	0	0	0	0	0
319		0	0	0	0	0	0
320		0	0	0	0	0	0
321		0	0	0	0	0	0
322		0	0	0	0	0	0
323		0	0	0	0	0	0
324		0	0	0	0	0	0
FEMALE, Group 4 - 3000 ppm - Baseline							
413		0	0	0	0	0	0
414		0	0	0	0	0	0
415		0	0	0	0	0	0
416		0	0	0	0	0	0
417		0	0	0	0	0	0
418		0	0	0	0	0	0
419		0	0	0	0	0	0
420		0	0	0	0	0	0
421		0	0	0	0	0	0
422		0	0	0	0	0	0
423		0	0	0	0	0	0
424		0	0	0	0	0	0

Individual Abbreviated Functional Observational
 Battery Assessment - Subchronic

FOOTNOTES	MANIPULATIONS			MOTOR ACTIVITY		
	APPROACH & TOUCH (-1,0,1)	AUDITORY STIMULUS (-1,0,1)	TAIL PINCH (-1,0,1)	PUPILLARY RESPONSE (0,1)	DIARRHEA (0,1)	POLYURIA (0,1)

Male, Group 1 - 0 ppm - Week 4

101	0	0	0	0	0	0
102	0	0	0	0	0	0
103	0	0	0	0	0	0
104	0	0	0	0	0	0
105	0	0	0	0	0	0
106	0	0	0	0	0	0
107	0	0	0	0	0	0
108	0	0	0	0	0	0
109	0	0	0	0	0	0
110	0	0	0	0	0	0
111	0	0	0	0	0	0
112	0	0	0	0	0	0

Male, Group 2 - 100 ppm - Week 4

201	0	0	1	0	0	0
202	a	0	0	0	0	0
203		0	0	0	0	0
204		0	0	0	0	0
205		0	0	0	0	0
206		0	1	0	0	0
207		0	0	0	0	0
208		0	0	0	0	0
209		0	0	0	0	0
210		0	0	0	0	0
211		0	0	0	0	0
212		0	0	0	0	0

Individual Abbreviated Functional Observational
 Battery Assessment - Subchronic

	FOOTNOTES	MANIPULATIONS			MOTOR ACTIVITY		
		APPROACH & TOUCH	AUDITORY STIMULUS	TAIL PINCH	PUPILIARY RESPONSE	DIARRHEA	POLYURIA
		(-1,0,1)	(-1,0,1)	(-1,0,1)	(0,1)	(0,1)	(0,1)
Male, Group 3 - 500 ppm - Week 4							
301		0	0	0	0	0	0
302		0	0	0	0	0	0
303		0	0	0	0	0	0
304		0	0	0	0	0	0
305		0	0	1	0	0	0
306		0	0	0	0	0	0
307		0	0	0	0	0	0
308		0	0	0	0	0	0
309		0	0	0	0	0	0
310		0	0	0	0	0	0
311		0	0	0	0	0	0
312		0	0	0	0	0	0
Male, Group 4 - 3000 ppm - Week 4							
401		0	0	0	0	0	0
402		0	0	0	0	0	0
403		0	0	0	0	0	0
404		0	0	0	0	0	0
405		0	0	0	0	0	0
406		0	0	0	0	0	0
407		0	0	0	0	0	0
408		0	0	0	0	0	0
409		0	0	0	0	0	0
410		0	0	0	0	0	0
411		0	0	0	0	0	0
412	b	0	0	0	0	0	0

Individual Abbreviated Functional Observational
 Battery Assessment - Subchronic

		MANIPULATIONS			MOTOR ACTIVITY		
		APPROACH & TOUCH (-1,0,1)	AUDITORY STIMULUS (-1,0,1)	TAIL PINCH (-1,0,1)	PUPILIARY RESPONSE (0,1)	DIARRHEA (0,1)	POLYURIA (0,1)
FEMALE, Group 1 - 0 ppm - Week 4							
113		0	0	0	0	0	0
114	c	0	0	0	0	0	0
115	d	0	0	0	0	0	0
116		0	0	0	0	0	0
117		0	-1	0	0	0	0
118	c	0	0	0	0	0	0
119		0	0	0	0	0	0
120	e	0	0	1	0	0	0
121		0	0	0	0	0	0
122		0	0	0	0	0	0
123		0	0	0	0	0	0
124		0	0	1	0	0	0
FEMALE, Group 2 - 100 ppm - Week 4							
213		0	0	0	0	0	0
214		0	0	0	0	0	0
215		0	0	0	0	0	0
216		0	0	0	0	0	0
217		0	0	0	0	0	0
218		0	0	0	0	0	0
219		0	0	0	0	0	0
220		0	0	0	0	0	0
221		0	0	0	0	0	0
222		0	0	0	0	0	0
223		0	0	0	0	0	0
224		0	0	0	0	0	0

Individual Abbreviated Functional Observational
 Battery Assessment - Subchronic

	FOOTNOTES	MANIPULATIONS			MOTOR ACTIVITY		
		APPROACH & TOUCH	AUDITORY STIMULUS	TAIL PINCH	PUPILLARY RESPONSE	DIARRHEA	POLYURIA
		(-1,0,1)	(-1,0,1)	(-1,0,1)	(0,1)	(0,1)	(0,1)
FEMALE, Group 3 - 500 ppm - Week 4							
313		0	0	0	0	0	0
314		0	0	0	0	0	0
315		0	0	0	0	0	0
316		0	0	0	0	0	0
317		0	0	0	0	0	0
318		0	0	0	0	0	0
319		0	0	0	0	0	0
320		0	0	0	0	0	0
321		0	0	0	0	0	0
322		0	0	0	0	0	0
323		0	0	0	0	0	0
324		0	0	0	0	0	0
FEMALE, Group 4 - 3000 ppm - Week 4							
413	f	0	0	0	0	0	0
414	f	0	0	0	0	0	0
415	f	0	0	0	0	0	0
416	f	0	0	0	0	0	0
417	f	0	0	0	0	0	0
418		0	0	0	0	0	0
419	f	0	0	0	0	0	0
420	f	0	0	0	0	0	0
421	f	0	0	0	0	0	0
422	f	0	0	0	0	0	0
423		0	0	0	0	0	0
424	f	0	0	0	0	0	0

Appendix MM
Individual Abbreviated Functional Observational Battery Assessment - Satellite

INDIVIDUAL ABBREVIATED FUNCTIONAL OBSERVATIONAL
BATTERY ASSESSMENT - SATELLITE

EXPLANATORY NOTES

ABBREVIATIONS:

Sensory Motor Function:

APPROACH & TOUCH: -1 = no reaction
 0 = normal
 1 = increased reaction (jumps away or attacks)

AUDITORY STIMULUS: -1 = no reaction
 0 = normal reaction (rat flinches or flicks ear)
 1 = exaggerated reaction (rat jumps, flips)

TAIL PINCH: -1 = no response
 0 = normal (turns toward site)
 1 = exaggerated response (vocalizations, rapid turning)

In Motor Activity Monitor:

PUPILLARY RESPONSE: 0 = present
 1 = absent

DIARRHEA: 0 = absent
 1 = present

POLYURIA: 0 = absent
 1 = present

Footnotes:

a = end of tail missing
b = swollen toe
c = ear flicks

Individual Abbreviated Functional Observational
 Battery Assessment - Satellite

	MANIPULATIONS			MOTOR ACTIVITY		
	APPROACH & TOUCH	AUDITORY STIMULUS	TAIL FINCH	PUPILLARY RESPONSE	DIARRHEA	POLYURIA
FOOTNOTES	(-1,0,1)	(-1,0,1)	(-1,0,1)	(0,1)	(0,1)	(0,1)
FEMALE, Group 1 - 0 ppm - Baseline						
125	0	0	0	0	0	0
126	0	0	0	0	0	0
127	0	0	0	0	0	0
128	0	0	0	0	0	0
129	0	0	0	0	0	0
130	0	0	0	0	0	0
131	0	0	0	0	0	0
132	0	0	0	0	0	0
133	0	0	0	0	0	0
134	0	0	0	0	0	0
135	0	0	0	0	0	0
136	0	0	0	0	0	0
FEMALE, Group 2 - 100 ppm - Baseline						
225	0	0	0	0	0	0
226	0	0	0	0	0	0
227	0	0	0	0	0	0
228	0	0	0	0	0	0
229	0	0	0	0	0	0
230	0	0	0	0	0	0
231	0	0	0	0	0	0
232	0	0	0	0	0	0
233	0	0	0	0	0	0
234	0	0	0	0	0	0
235	0	0	-1	0	0	0
236	0	0	0	0	0	0

Individual Abbreviated Functional Observational
 Battery Assessment - Satellite

	FOOTNOTES	MANIPULATIONS			MOTOR ACTIVITY		
		APPROACH & TOUCH (-1,0,1)	AUDITORY STIMULUS (-1,0,1)	TAIL PINCH (-1,0,1)	PUPILLARY RESPONSE (0,1)	DIARRHEA (0,1)	POLYURIA (0,1)
FEMALE, Group 3 - 500 ppm - Baseline							
325		0	0	0	0	0	0
326		0	0	0	0	0	0
327		0	0	0	0	0	0
328		0	0	0	0	0	0
329		0	0	0	0	0	0
330		0	0	0	0	0	0
331		0	0	0	0	0	0
332		0	0	0	0	0	0
333	a	0	0	0	0	0	0
334		0	0	0	0	0	0
335		0	0	0	0	0	0
336		0	0	0	0	0	0
FEMALE, Group 4 - 3000 ppm - Baseline							
425		0	0	0	0	0	0
426		0	0	0	0	0	0
427		0	0	0	0	0	0
428		0	0	0	0	0	0
429		0	0	0	0	0	0
431	c	0	0	0	0	0	0
432		0	0	0	0	0	0
433		0	0	0	0	0	0
434		0	0	0	0	0	0
435		0	0	0	0	0	0
436		0	0	-1	0	0	0

Individual Abbreviated Functional Observational
 Battery Assessment - Satellite

	FOOTNOTES	MANIPULATIONS			MOTOR ACTIVITY		
		APPROACH & TOUCH (-1,0,1)	AUDITORY STIMULUS (-1,0,1)	TAIL PINCH (-1,0,1)	PUPILLARY RESPONSE (0,1)	DIARRHEA (0,1)	POLYURIA (0,1)
FEMALE, Group 1 - 0 ppm - Lactation Day 4							
125		0	0	0	0	0	0
126		0	0	-1	0	0	0
127		0	0	0	0	0	0
128		0	0	0	0	0	0
129	b	0	0	0	0	0	0
130		0	0	0	0	0	0
131		0	0	0	0	0	0
132		0	0	0	0	0	0
133		0	0	0	0	0	0
134		0	0	0	0	0	0
135		0	0	0	0	0	0
136		0	0	0	0	0	0
FEMALE, Group 2 - 100 ppm - Lactation Day 4							
225		0	0	0	0	0	0
226		0	0	0	0	0	0
227		0	0	0	0	0	0
228		0	0	0	0	0	0
229		0	0	0	0	0	0
230		0	0	0	0	0	0
231		0	0	0	0	0	0
232		0	0	0	0	0	0
233		0	0	0	0	0	0
234		0	0	0	0	0	0
235		0	0	0	0	0	0
236		0	0	0	0	0	0

Individual Abbreviated Functional Observational
 Battery Assessment - Satellite

FOOTNOTES	MANIPULATIONS			MOTOR ACTIVITY		
	APPROACH & TOUCH	AUDITORY STIMULUS	TAIL PINCH	PUPILLARY RESPONSE	DIARRHEA	POLYURIA
	(-1,0,1)	(-1,0,1)	(-1,0,1)	(0,1)	(0,1)	(0,1)

FEMALE, Group 3 - 500 ppm - Lactation Day 4

325	0	0	0	0	0	0
326	0	0	0	0	0	0
327	0	0	0	0	0	0
328	0	0	0	0	0	0
329	0	0	0	0	0	0
330	0	0	0	0	0	0
331	0	0	0	0	0	0
332	0	0	0	0	0	0
333	a	0	0	0	0	0
334	0	0	0	0	0	0
335	0	0	0	0	0	0
336	0	0	0	0	0	0

FEMALE, Group 4 - 3000 ppm - Lactation Day 4

425	0	0	0	0	0	0
426	0	0	0	0	0	0
427	0	0	0	0	0	0
428	0	0	0	0	0	0
429	0	0	0	0	0	0
431	0	0	0	0	0	0
432	0	0	0	0	0	0
433	0	0	0	0	0	0
434	0	0	0	0	0	0
435	0	0	0	0	0	0
436	0	0	0	0	0	0

Appendix NN
Individual Motor Activity: Duration of Movement - Subchronic

Individual Motor Activity: Duration of Movement (sec) - Subchronic

Male, Group 1 - 0 ppm - Baseline

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
101	443	375	312	90	0	21	1241
102	457	414	386	292	197	0	1746
103	382	284	305	356	245	286	1858
104	368	245	182	199	253	20	1267
105	450	353	301	292	233	251	1880
106	490	393	413	384	345	359	2384
107	382	281	257	212	179	73	1384
108	472	409	386	357	219	104	1947
109	520	435	336	435	208	1	1935
110	464	403	383	344	268	52	1914
111	437	303	301	230	149	0	1420
112	418	367	311	229	61	0	1386

Male, Group 2 - 100 ppm - Baseline

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
201	402	336	253	280	221	222	1714
202	445	460	315	252	194	39	1705
203	439	341	294	283	179	133	1669
204	488	412	375	446	396	275	2392
205	405	332	251	249	130	13	1380
206	374	344	236	149	197	272	1572
207	461	351	253	110	0	3	1178
208	451	378	335	366	195	2	1727
209	433	395	274	365	237	157	1861
210	396	283	166	109	3	0	957
211	382	347	297	213	220	1	1460
212	475	378	407	372	437	275	2344

Individual Motor Activity: Duration of Movement (sec) - Subchronic

Male, Group 3 - 500 ppm - Baseline

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
301	428	366	331	138	198	5	1466
302	405	336	185	1	0	0	927
303	416	359	342	242	188	77	1624
304	375	308	189	5	0	18	895
305	408	339	252	290	268	194	1751
306	427	354	324	264	246	225	1840
307	507	348	312	421	408	143	2139
308	406	287	205	298	69	1	1266
309	425	376	305	138	0	10	1254
310	485	429	443	401	384	190	2332
311	440	361	302	289	284	190	1866
312	382	249	186	273	237	237	1564

Male, Group 4 - 3000 ppm - Baseline

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
401	303	167	209	132	0	10	821
402	482	419	328	132	216	13	1590
403	491	328	401	394	133	9	1756
404	483	327	367	401	309	88	1975
405	332	296	206	41	1	1	877
406	444	342	308	317	36	24	1471
407	379	331	321	138	6	0	1175
408	390	179	53	17	97	120	856
409	408	315	200	1	1	15	940
410	327	197	236	296	249	0	1305
411	405	422	299	243	0	41	1410
412	361	276	249	38	0	1	925

Individual Motor Activity: Duration of Movement (sec) - Subchronic

Female, Group 1 - 0 ppm - Baseline

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
113	504	392	4	336	327	2	1565
114	401	313	298	311	279	227	1829
115	419	381	284	382	270	318	2054
116	360	320	280	109	282	280	1631
117	449	264	250	255	165	36	1419
118	401	320	266	153	177	252	1569
119	299	77	56	14	5	33	484
120	352	16	127	41	186	2	724
121	398	276	234	267	59	181	1415
122	316	297	117	114	89	301	1234
123	400	200	18	1	164	208	991
124	381	252	76	309	144	48	1210

Female, Group 2 - 100 ppm - Baseline

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
213	337	167	171	119	186	141	1121
214	402	144	21	63	254	120	1004
215	422	307	360	321	327	317	2054
216	415	290	148	0	89	251	1193
217	297	203	79	188	165	115	1047
218	404	341	245	343	280	218	1831
219	476	91	140	239	192	273	1411
220	369	118	0	171	148	0	806
221	433	161	72	204	96	57	1023
222	356	255	230	160	191	167	1359
223	433	302	211	167	240	237	1590
224	380	249	108	216	214	172	1339

Individual Motor Activity: Duration of Movement (sec) - Subchronic

Female, Group 3 - 500 ppm - Baseline

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
313	345	240	247	294	256	183	1565
314	363	272	111	247	218	21	1232
315	335	68	188	44	195	12	842
316	242	205	138	65	46	175	871
317	462	431	267	331	363	284	2138
318	487	491	410	268	21	328	2005
319	338	56	160	44	114	146	858
320	429	375	257	43	63	271	1438
321	339	84	387	256	8	216	1290
322	368	251	281	236	265	145	1546
323	469	450	440	256	274	218	2107
324	326	291	204	206	193	229	1449

Female, Group 4 - 3000 ppm - Baseline

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
413	352	332	177	262	197	17	1337
414	430	345	343	96	216	262	1692
415	427	311	295	315	277	248	1873
416	389	289	90	242	9	134	1153
417	420	406	292	298	356	182	1954
418	425	262	115	209	86	200	1297
419	407	268	298	333	307	265	1878
420	388	87	99	247	163	112	1096
421	423	385	274	365	270	54	1771
422	407	298	265	289	339	334	1932
423	393	218	185	101	198	112	1207
424	371	109	248	242	294	162	1426

Individual Motor Activity: Duration of Movement (sec) - Subchronic

Male, Group 1 - 0 ppm - Week 4

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
101	420	269	327	235	118	98	1467
102	448	373	320	343	237	262	1983
103	358	266	259	251	224	217	1575
104	372	368	223	178	211	262	1614
105	317	215	247	186	132	102	1199
106	366	354	276	304	290	245	1835
107	312	229	138	176	189	193	1237
108	446	347	244	134	286	356	1813
109	510	407	316	234	265	392	2124
110	355	332	320	284	251	241	1783
111	384	291	270	253	175	213	1586
112	482	266	308	309	260	78	1703

Male, Group 2 - 100 ppm - Week 4

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
201	299	296	178	285	170	197	1425
202	432	311	295	292	174	304	1808
203	348	318	284	294	268	304	1816
204	488	410	423	401	258	264	2244
205	374	280	216	184	207	184	1445
206	459	342	292	189	188	165	1635
207	373	302	236	283	255	123	1572
208	432	317	311	349	318	264	1991
209	358	300	236	169	48	178	1289
210	368	354	247	295	301	211	1776
211	321	259	250	195	261	218	1504
212	406	380	366	307	349	294	2102

Individual Motor Activity: Duration of Movement (sec) - Subchronic

Male, Group 3 - 500 ppm - Week 4

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
301	392	388	211	234	55	0	1280
302	317	241	8	257	174	225	1222
303	435	442	375	246	297	192	1987
304	317	242	254	164	165	180	1322
305	380	327	278	202	266	193	1646
306	423	369	349	239	214	103	1697
307	444	400	187	82	354	286	1753
308	410	364	295	174	219	231	1693
309	457	350	235	292	163	51	1548
310	519	382	382	366	333	257	2239
311	329	270	262	253	293	231	1638
312	303	242	207	200	221	150	1323

Male, Group 4 - 3000 ppm - Week 4

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
401	347	198	236	162	185	181	1309
402	372	242	229	143	5	19	1010
403	391	323	287	324	286	256	1867
404	371	375	187	16	3	1	953
405	343	182	147	217	45	14	948
406	402	351	236	211	203	36	1439
407	395	271	263	209	218	164	1520
408	356	226	197	61	187	70	1097
409	293	175	206	104	215	156	1149
410	240	134	130	180	139	132	955
411	332	287	233	96	172	2	1122
412	339	231	287	218	211	262	1548

Individual Motor Activity: Duration of Movement (sec) - Subchronic

Female, Group 1 - 0 ppm - Week 4

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
113	503	340	303	293	106	209	1754
114	302	181	236	240	224	75	1258
115	486	378	183	285	37	223	1592
116	414	233	208	169	238	187	1449
117	388	256	272	102	222	126	1366
118	394	233	212	281	182	130	1432
119	304	180	59	127	108	95	873
120	389	306	204	248	210	310	1667
121	361	251	240	82	148	234	1316
122	359	196	132	130	188	114	1119
123	417	266	141	169	214	134	1341
124	369	226	137	232	221	211	1396

Female, Group 2 - 100 ppm - Week 4

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
213	325	197	118	175	135	116	1066
214	327	120	133	119	61	98	858
215	417	345	321	292	224	119	1718
216	407	286	95	153	209	138	1288
217	278	154	168	132	180	149	1061
218	344	248	111	130	260	208	1301
219	457	289	251	256	250	341	1844
220	405	204	190	241	193	109	1342
221	429	336	302	228	215	205	1715
222	315	262	214	149	54	96	1090
223	368	229	245	192	223	193	1450
224	406	345	427	342	294	266	2080

Individual Motor Activity: Duration of Movement (sec) - Subchronic

Female, Group 3 - 500 ppm - Week 4

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
313	365	301	263	251	169	257	1606
314	345	224	134	256	161	25	1145
315	427	273	192	151	149	134	1326
316	294	272	179	145	212	155	1257
317	392	326	309	373	263	235	1898
318	500	402	330	206	172	286	1896
319	358	185	162	117	239	76	1137
320	381	261	95	112	38	127	1014
321	359	230	244	237	238	189	1497
322	357	247	215	167	265	221	1472
323	506	368	379	272	274	254	2053
324	383	289	223	116	193	168	1372

Female, Group 4 - 3000 ppm - Week 4

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
413	294	275	18	124	88	1	800
414	392	269	239	304	251	260	1715
415	393	266	218	268	276	267	1688
416	381	216	301	165	294	168	1525
417	398	381	404	260	204	211	1858
418	431	300	140	184	152	136	1343
419	432	318	265	313	250	250	1828
420	370	257	153	60	143	50	1033
421	424	404	271	267	211	275	1852
422	366	216	145	290	110	0	1127
423	309	286	147	152	105	46	1045
424	323	258	216	286	112	273	1468

Appendix OO
Individual Motor Activity: Duration of Movement - Satellite

Individual Motor Activity: Duration of Movement (sec) - Satellite

Female, Group 1 - 0 ppm - Baseline

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
125	377	244	197	237	176	166	1397
126	336	167	187	3	0	186	879
127	422	338	246	212	187	281	1686
128	365	276	206	217	85	6	1155
129	385	353	203	173	99	184	1397
130	327	210	213	276	252	169	1447
131	442	350	360	325	193	1	1671
132	440	377	275	301	303	189	1885
133	320	303	230	51	0	0	904
134	435	309	154	160	190	142	1390
135	308	225	252	248	42	134	1209
136	454	362	267	221	118	258	1680

Female, Group 2 - 100 ppm - Baseline

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
225	334	188	78	2	52	240	894
226	392	343	201	72	339	292	1639
227	354	94	161	196	99	10	914
228	440	361	256	278	308	281	1924
229	384	248	219	165	268	94	1378
230	373	289	232	313	258	162	1627
231	403	314	290	310	251	181	1749
232	301	214	139	139	126	184	1103
233	386	327	288	323	148	178	1650
234	420	100	94	13	254	154	1035
235	400	282	290	235	294	361	1862
236	396	331	218	0	179	167	1291

Individual Motor Activity: Duration of Movement (sec) - Satellite

Female, Group 3 - 500 ppm - Baseline

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
325	487	400	172	357	201	2	1619
326	420	260	229	116	7	47	1079
327	301	79	188	40	2	145	755
328	392	174	51	0	168	80	865
329	362	321	252	179	140	126	1380
330	369	377	328	273	139	92	1578
331	244	176	150	79	3	20	672
332	342	251	115	1	13	111	833
333	439	404	263	158	119	288	1671
334	384	298	219	184	102	4	1191
335	506	450	229	22	2	4	1213
336	401	381	290	323	239	159	1793

Female, Group 4 - 3000 ppm - Baseline

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
425	323	191	194	212	188	143	1251
426	334	282	265	173	187	205	1446
427	425	266	84	224	169	128	1296
428	413	275	204	313	184	216	1605
429	401	247	272	164	94	191	1369
431	323	324	68	1	42	20	778
432	333	357	165	32	3	176	1066
433	311	216	170	66	165	54	982
434	427	336	118	71	5	70	1027
435	425	403	376	314	220	217	1955
436	360	198	148	28	0	15	749

Note: Rat Number 430 did not deliver a litter, and therefore the baseline data are not presented in the report.

Individual Motor Activity: Duration of Movement (sec) - Satellite

Female, Group 1 - 0 ppm - Lactation Day 4

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
125	322	192	149	181	68	39	951
126	290	191	98	161	125	54	919
127	352	209	77	130	93	172	1033
128	290	139	208	103	7	137	884
129	410	330	271	185	144	180	1520
130	403	323	241	159	164	105	1395
131	439	399	397	297	357	293	2182
132	403	289	238	279	51	241	1501
133	358	282	293	173	207	271	1584
134	345	221	181	247	174	212	1380
135	353	219	187	49	1	17	826
136	346	157	174	128	120	186	1111

Female, Group 2 - 100 ppm - Lactation Day 4

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
225	282	267	177	188	225	150	1289
226	447	325	341	341	312	236	2002
227	277	224	115	143	124	101	984
228	439	308	206	195	194	160	1502
229	365	251	224	103	87	127	1157
230	378	214	161	151	131	144	1179
231	347	284	222	138	200	139	1330
232	240	166	163	207	152	108	1036
233	386	257	238	265	182	185	1513
234	419	361	229	184	166	223	1582
235	428	407	346	206	264	85	1736
236	445	314	292	245	260	247	1803

Individual Motor Activity: Duration of Movement (sec) - Satellite

Female, Group 3 - 500 ppm - Lactation Day 4

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
325	471	215	145	68	19	150	1068
326	393	330	207	173	208	67	1378
327	411	365	247	268	259	286	1836
328	286	177	164	166	40	5	838
329	445	326	280	245	15	163	1474
330	335	227	267	197	188	139	1353
331	267	159	51	139	28	24	668
332	344	253	222	153	175	178	1325
333	418	207	49	275	255	217	1421
334	396	250	211	14	118	235	1224
335	480	417	388	309	302	251	2147
336	322	263	228	223	203	152	1391

Female, Group 4 - 3000 ppm - Lactation Day 4

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
425	341	284	206	158	236	219	1444
426	358	322	244	137	180	216	1457
427	274	184	164	95	28	131	876
428	403	307	242	167	217	185	1521
429	400	335	221	199	192	151	1498
431	344	219	259	259	278	257	1616
432	371	321	214	126	219	136	1387
433	318	224	146	147	178	136	1149
434	238	231	162	214	158	133	1136
435	369	229	143	223	198	128	1290
436	447	275	260	213	208	169	1572

Appendix PP
Individual Motor Activity: Number of Movements - Subchronic

Individual Motor Activity: Number of Movements - Subchronic

Male, Group 1 - 0 ppm - Baseline

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
101	130	158	144	71	0	27	530
102	128	130	141	144	99	2	644
103	144	158	142	158	152	162	916
104	132	124	111	122	121	23	633
105	135	145	127	158	121	139	825
106	105	128	122	120	132	134	741
107	156	126	148	126	121	59	736
108	123	137	129	151	117	60	717
109	92	124	167	112	122	4	621
110	119	143	145	148	112	36	703
111	134	151	175	171	119	1	751
112	128	123	147	144	75	2	619

Male, Group 2 - 100 ppm - Baseline

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
201	120	113	121	132	111	122	719
202	109	129	136	111	128	42	655
203	126	119	118	130	107	110	710
204	99	125	113	107	137	133	714
205	136	136	137	129	95	15	648
206	140	118	135	95	118	115	721
207	138	152	138	85	3	5	521
208	117	143	133	149	123	2	667
209	113	130	149	130	120	120	762
210	132	136	109	81	3	2	463
211	141	138	115	106	130	2	632
212	110	150	147	155	131	151	844

Individual Motor Activity: Number of Movements - Subchronic

Male, Group 3 - 500 ppm - Baseline

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
301	149	150	142	131	89	8	669
302	130	145	139	2	1	1	418
303	131	143	138	142	124	51	729
304	156	156	151	7	0	22	492
305	139	148	130	158	148	137	860
306	144	143	147	151	130	154	869
307	108	118	137	98	119	63	643
308	134	140	120	139	67	3	603
309	124	150	119	103	2	9	507
310	92	116	114	105	124	80	631
311	130	157	150	154	170	134	895
312	113	125	109	125	122	129	723

Male, Group 4 - 3000 ppm - Baseline

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
401	131	111	115	78	1	9	445
402	110	121	114	106	94	8	553
403	109	139	150	147	70	10	625
404	118	135	137	111	109	51	661
405	151	164	123	42	6	3	489
406	113	134	150	153	25	19	594
407	152	143	140	115	7	0	557
408	140	100	34	14	52	93	433
409	142	120	91	2	7	15	377
410	159	131	146	156	93	1	686
411	139	135	138	112	1	25	550
412	152	115	120	25	0	4	416

Individual Motor Activity: Number of Movements - Subchronic

Female, Group 1 - 0 ppm - Baseline

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
113	103	116	14	80	89	7	409
114	138	127	134	147	127	128	801
115	127	144	159	112	130	132	804
116	133	118	154	80	132	128	745
117	125	135	151	146	127	31	715
118	139	149	152	126	90	152	808
119	152	70	53	9	12	39	335
120	123	18	53	31	79	4	308
121	140	153	97	129	41	127	687
122	143	149	123	97	47	141	700
123	123	127	27	2	115	133	527
124	146	108	50	154	116	66	640

Female, Group 2 - 100 ppm - Baseline

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
213	170	128	128	117	123	129	795
214	147	97	27	34	153	89	547
215	128	119	152	150	131	157	837
216	133	145	101	3	45	133	560
217	143	133	85	119	115	101	696
218	132	136	141	131	144	143	827
219	132	61	66	119	112	132	622
220	147	82	2	142	100	1	474
221	126	83	54	124	88	41	516
222	152	138	124	103	115	129	761
223	117	143	103	85	131	144	723
224	140	133	59	139	139	125	735

Individual Motor Activity: Number of Movements - Subchronic

Female, Group 3 - 500 ppm - Baseline

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
313	127	110	119	136	142	118	752
314	138	144	94	155	154	20	705
315	114	43	115	36	100	22	430
316	121	144	113	65	45	124	612
317	119	130	128	144	116	140	777
318	127	105	130	163	24	139	688
319	146	31	96	42	75	73	463
320	127	146	117	29	37	148	604
321	115	32	122	121	11	93	494
322	144	142	168	159	147	126	886
323	135	127	118	137	150	136	803
324	144	127	153	136	114	145	819

Female, Group 4 - 3000 ppm - Baseline

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
413	135	144	136	159	103	21	698
414	131	131	139	60	128	134	723
415	116	140	153	133	160	135	837
416	156	135	57	158	10	88	604
417	137	150	137	164	147	82	817
418	143	148	71	130	66	122	680
419	131	106	140	122	133	145	777
420	135	60	55	139	77	68	534
421	116	126	96	98	121	46	603
422	126	124	137	146	126	117	776
423	156	122	111	68	110	82	649
424	152	84	157	140	156	126	815

Individual Motor Activity: Number of Movements - Subchronic

Male, Group 1 - 0 ppm - Week 4

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
101	152	161	151	144	98	93	799
102	115	140	158	145	142	163	863
103	148	142	135	137	143	153	858
104	126	120	98	82	96	105	627
105	141	114	116	131	103	74	679
106	125	123	112	126	126	116	728
107	141	144	90	126	106	130	737
108	129	145	107	77	144	140	742
109	104	134	113	86	146	123	706
110	130	135	119	137	130	116	767
111	131	168	155	154	114	176	898
112	124	110	120	120	148	54	676

Male, Group 2 - 100 ppm - Week 4

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
201	123	119	93	102	106	106	649
202	128	146	137	153	127	119	810
203	129	149	154	121	139	118	810
204	89	111	110	106	120	89	625
205	148	152	130	117	136	132	815
206	110	124	113	103	101	77	628
207	152	147	121	147	147	99	813
208	139	160	118	127	167	115	826
209	132	134	145	111	56	98	676
210	124	136	112	131	98	111	712
211	138	115	138	128	141	121	781
212	122	131	131	116	122	111	733

Individual Motor Activity: Number of Movements - Subchronic

Male, Group 3 - 500 ppm - Week 4

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
301	138	141	117	104	45	1	546
302	158	147	14	134	110	147	710
303	140	151	145	151	130	118	835
304	147	142	142	104	129	113	777
305	148	138	142	146	150	131	855
306	148	159	146	153	103	74	783
307	130	167	80	46	136	136	695
308	119	119	145	108	117	159	767
309	107	133	146	163	96	38	683
310	89	111	124	126	103	92	645
311	133	132	117	129	132	119	762
312	116	107	85	97	104	86	595

Male, Group 4 - 3000 ppm - Week 4

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
401	144	110	130	118	134	123	759
402	132	131	95	97	11	16	482
403	126	127	143	127	136	127	786
404	111	123	73	20	6	2	335
405	131	108	116	136	45	20	556
406	134	121	137	134	129	35	690
407	140	136	126	137	133	132	804
408	137	131	105	28	90	47	538
409	140	92	118	66	140	83	639
410	160	107	112	120	121	119	739
411	130	137	119	78	115	6	585
412	116	100	112	115	121	86	650

Individual Motor Activity: Number of Movements - Subchronic

Female, Group 1 - 0 ppm - Week 4

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
113	108	103	98	108	44	84	545
114	133	139	153	108	154	75	762
115	100	123	98	126	24	107	578
116	123	105	109	111	134	98	680
117	126	143	140	80	159	90	738
118	139	131	140	155	125	100	790
119	170	135	57	120	95	96	673
120	120	147	106	125	116	134	748
121	147	142	130	54	119	144	736
122	155	123	103	105	122	90	698
123	112	141	110	132	134	117	746
124	150	127	94	140	149	163	823

Female, Group 2 - 100 ppm - Week 4

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
213	148	153	110	127	86	100	724
214	131	80	89	87	60	74	521
215	147	159	126	155	150	65	802
216	162	150	73	105	127	99	716
217	151	103	105	97	115	103	674
218	146	154	81	59	143	108	691
219	121	136	124	134	124	127	766
220	136	138	113	146	119	114	766
221	125	150	150	112	133	136	806
222	149	108	119	97	47	76	596
223	115	131	128	116	145	108	743
224	120	136	137	145	149	140	827

Individual Motor Activity: Number of Movements - Subchronic

Female, Group 3 - 500 ppm - Week 4

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
313	134	149	124	111	96	144	758
314	163	155	139	140	137	35	769
315	129	139	106	89	110	93	666
316	142	159	90	130	124	88	733
317	121	143	145	140	145	138	832
318	106	121	131	122	116	120	716
319	145	88	103	76	106	56	574
320	123	110	77	75	32	74	491
321	127	136	126	160	155	130	834
322	131	134	131	101	129	136	762
323	107	103	143	133	161	148	795
324	148	126	135	80	119	112	720

Female, Group 4 - 3000 ppm - Week 4

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
413	132	134	22	86	73	3	450
414	136	125	135	143	120	154	813
415	139	145	129	133	138	134	818
416	150	147	145	121	145	127	835
417	115	129	128	107	120	105	704
418	137	127	87	100	108	109	668
419	86	104	112	119	102	127	650
420	136	135	111	48	95	39	564
421	119	118	109	137	136	126	745
422	108	104	87	109	46	4	458
423	121	151	101	90	84	42	589
424	135	150	137	157	59	136	774

Appendix QQ
Individual Motor Activity: Number of Movements - Satellite

Individual Motor Activity: Number of Movements - Satellite

Female, Group 1 - 0 ppm - Baseline

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
125	151	117	105	136	129	93	731
126	166	143	178	8	1	127	623
127	124	140	130	134	134	137	799
128	130	130	127	115	82	13	597
129	123	125	101	108	73	108	638
130	139	131	130	144	144	81	769
131	116	117	124	129	80	4	570
132	117	134	135	135	130	111	762
133	144	152	103	53	2	2	456
134	149	150	102	123	130	113	767
135	133	104	117	132	33	117	636
136	128	123	123	110	91	138	713

Female, Group 2 - 100 ppm - Baseline

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
225	136	107	67	4	38	144	496
226	144	124	98	35	128	140	669
227	148	69	119	104	69	14	523
228	122	144	127	126	150	119	788
229	117	111	111	100	130	89	658
230	122	131	139	147	148	114	801
231	162	166	153	149	133	132	895
232	145	150	91	111	113	127	737
233	135	139	144	121	139	118	796
234	151	59	75	13	153	105	556
235	135	148	129	141	166	141	860
236	135	165	126	2	106	142	676

Individual Motor Activity: Number of Movements - Satellite

Female, Group 3 - 500 ppm - Baseline

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
325	117	133	82	129	84	9	554
326	133	147	120	86	13	19	518
327	145	52	140	32	3	106	478
328	160	137	62	2	116	95	572
329	135	123	85	70	87	92	592
330	110	128	130	125	103	75	671
331	149	111	121	68	8	18	475
332	169	158	94	5	14	83	523
333	120	136	112	85	92	144	689
334	155	132	182	127	76	8	680
335	104	121	130	18	6	5	384
336	144	152	128	146	137	130	837

Female, Group 4 - 3000 ppm - Baseline

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
425	143	129	119	134	125	106	756
426	161	149	140	141	130	123	844
427	124	113	63	103	92	75	570
428	119	121	109	129	102	123	703
429	126	135	96	124	38	127	646
431	144	151	59	4	26	18	402
432	109	128	108	26	5	78	454
433	153	148	106	73	106	62	648
434	135	115	60	62	7	59	438
435	132	126	128	154	127	143	810
436	127	124	97	38	1	23	410

Note: Rat Number 430 did not deliver a litter, and therefore the baseline data are not presented in the report.

Individual Motor Activity: Number of Movements - Satellite

Female, Group 1 - 0 ppm - Lactation Test Day 4

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
125	140	114	101	88	54	24	521
126	155	134	97	127	95	73	681
127	158	128	54	99	62	96	597
128	132	89	140	62	7	95	525
129	117	139	131	106	91	102	686
130	128	144	138	86	116	70	682
131	94	126	121	127	110	108	686
132	109	106	113	144	35	120	627
133	137	135	143	90	122	133	760
134	141	130	143	126	142	146	828
135	144	132	122	29	4	11	442
136	153	109	90	72	64	101	589

Female, Group 2 - 100 ppm - Lactation Test Day 4

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
225	116	122	120	111	128	113	710
226	125	124	128	119	134	119	749
227	131	111	92	115	109	72	630
228	135	141	114	107	120	95	712
229	129	127	128	84	58	77	603
230	135	120	81	112	99	106	653
231	136	130	115	77	95	67	620
232	126	99	121	146	107	92	691
233	124	113	123	124	105	112	701
234	142	165	123	132	137	140	839
235	127	135	144	113	158	57	734
236	140	117	138	129	132	136	792

Individual Motor Activity: Number of Movements - Satellite

Female, Group 3 - 500 ppm - Lactation Test Day 4

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
325	102	75	62	27	9	59	334
326	107	130	116	103	113	39	608
327	139	136	116	117	121	146	775
328	139	116	109	125	33	12	534
329	107	151	119	155	14	106	652
330	157	121	107	108	107	102	702
331	124	97	35	100	29	14	399
332	144	153	167	127	123	135	849
333	126	113	26	137	129	103	634
334	137	126	144	6	64	98	575
335	121	141	151	112	125	128	778
336	159	133	136	124	138	91	781

Female, Group 4 - 3000 ppm - Lactation Test Day 4

ANIMAL NUMBER	SUCCESSIVE 10-MINUTE INTERVALS						<u>TOTAL</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
425	142	153	132	101	157	138	823
426	152	160	153	105	131	160	861
427	135	128	96	54	21	75	509
428	134	112	123	79	110	107	665
429	117	144	104	93	103	90	651
431	124	93	123	133	133	112	718
432	117	114	105	71	92	90	589
433	146	113	82	99	109	80	629
434	144	169	130	140	155	123	861
435	151	127	89	140	139	117	763
436	100	121	117	120	106	93	657

Appendix RR
Individual Animal Clinical Pathology Data

INDIVIDUAL ANIMAL CLINICAL PATHOLOGY DATA

EXPLANATORY NOTES

ABBREVIATIONS:

General:

Adeq	-	adequate
CLOT or Clot	-	sample clotted
Mod	-	moderate
OK	-	sample condition OK for testing
UTD	-	unable to determine
-	-	not observed
.	-	not taken, not performed, not observed, or result not valid

Individual Hematology Values:

WB	-	whole blood condition
RBC	-	red blood cell count
HGB	-	hemoglobin
HCT	-	hematocrit
MCV	-	mean corpuscular (cell) volume
MCH	-	mean corpuscular (cell) hemoglobin
MCHC	-	mean corpuscular (cell) hemoglobin concentration
RDW	-	red cell distribution width
ARET	-	absolute reticulocyte count
PLT	-	platelet count
WBC	-	white blood cell count
ANEU	-	absolute neutrophil
ALYM	-	absolute lymphocyte
AMON	-	absolute monocyte
AEOS	-	absolute eosinophil
ABAS	-	absolute basophil
ALUC	-	absolute large unstained cell
ABAN	-	absolute neutrophil band
AHSN	-	absolute hypersegmented neutrophil
AAL	-	absolute atypical lymphocyte
SPCA	-	special observations

Individual Red Blood Cell / White Blood Cell / Platelet Morphology Values:

ANIS	-	anisocytosis
MIC	-	microcytes
MAC	-	macrocytes
POLY	-	polychromasia
HYPO	-	hypochromasia
ECHI	-	echinocytes
ACAN	-	acanthocytes
TARG	-	target cells
RX	-	rouleaux
HJB	-	Howell-Jolly body
SM	-	smudge white blood cells
TOX	-	toxic granulation
DB	-	Döhle bodies
VC	-	vacuolated cytoplasm
BC	-	basophilic cytoplasm
PCE	-	platelet clumps / estimate
GP	-	giant platelets
BP	-	bizarre platelets

Individual Coagulation Values:

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

INDIVIDUAL ANIMAL CLINICAL PATHOLOGY DATA

EXPLANATORY NOTES (Continued)

ABBREVIATIONS: (Continued)

Individual Clinical Chemistry Values:

HEM	-	hemolysis
LIP	-	lipemia
ICT	-	icterus
AST	-	aspartate aminotransferase
ALT	-	alanine aminotransferase
SDH	-	sorbitol dehydrogenase
ALKP	-	alkaline phosphatase
GGT	-	gamma glutamyltransferase
BILI	-	total bilirubin
BUN	-	urea nitrogen
CREA	-	creatinine
CHOL	-	cholesterol
TRIG	-	triglycerides
GLUC	-	glucose
TP	-	total protein
ALB	-	albumin
GLOB	-	globulin
CALC	-	calcium
IPHS	-	inorganic phosphorous
NA	-	sodium
K	-	potassium
CL	-	chloride
A/G	-	albumin/globulin ratio

FOOTNOTES:

- * - result to left has an associated comment or marker

NOTES:

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

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

Only positive findings were recorded for special observations (e.g., additional cell types) or observations marked other.

Individual Animal Clinical Pathology Data

Group	Animal	Day	WB	RBC	HGB	HCT	MCV	MCH	MCHC	RDW	ARET	PLT
Sex	Number	Number		x10 ⁶ /uL	g/dL	%	fL	pg	g/dL	%	x10 ³ /uL	x10 ³ /uL
1m	101	31	OK	8.77	15.7	49.2	56.1	17.9	31.9	12.6	206.1	1178
	102	31	OK	8.37	15.8	49.2	58.8	18.8	32.1	11.4	193.6	1397
	103	31	OK	9.04	16.4	50.2	55.6	18.2	32.7	11.2	213.7	
	104	31	OK	7.68	15.1	47.3	61.6	19.6	31.9	11.4	225.3	1517
	105	31	OK	8.74	16.3	50.5	57.8	18.6	32.2	11.2	149.4	1092
	106	31	OK	8.36	15.7	47.7	57.0	18.8	32.9	12.1	211.2	1424
	107	31	OK	8.70	16.2	50.6	58.1	18.6	32.0	11.2	179.4	1112
	108	31	OK	8.84	16.2	50.9	57.6	18.4	31.9	11.7	207.0	1387
	109	31	OK	8.79	16.1	49.9	56.8	18.3	32.3	12.2	198.5	1506
	110	31	OK	8.64	16.2	49.7	57.5	18.8	32.7	11.4	128.7	1334
	111	31	OK	7.99	14.9	46.9	58.7	18.7	31.8	11.7	269.7	1300
	112	31	OK	8.18	15.0	46.2	56.4	18.4	32.6	12.0	197.2	1368
2m	201	31	OK	8.61	16.7	53.3	62.0	19.4	31.3	11.5	206.2	1295
	202	31	OK	8.51	15.7	49.3	58.0	18.5	31.9	11.7	200.3	1281
	203	31	OK	8.84	15.8	50.0	56.5	17.9	31.6	11.1	161.0	1392
	204	31	OK	8.17	15.5	47.3	57.9	19.0	32.8	11.7	228.4	1095
	205	31	OK	8.25	15.4	47.8	57.9	18.7	32.3	11.2	167.9	1398
	206	31	OK	8.23	15.6	48.0	58.3	19.0	32.5	11.3	160.9	1291
	207	31	OK	8.81	16.9	51.7	58.7	19.2	32.7	11.7	186.8	1100
	208	31	OK	8.76	16.6	50.7	57.9	18.9	32.7	11.5	180.9	1335
	209	31	OK	8.24	15.7	48.0	58.2	19.0	32.7	11.3	165.9	1446
	210	31	OK	8.40	16.7	51.8	61.6	19.9	32.3	11.8	188.8	1223
	211	31	OK	8.58	15.6	47.7	55.5	18.2	32.8	11.6	181.2	1441
	212	31	OK	8.82	15.9	49.1	55.6	18.0	32.4	12.1	151.2	1189
3m	301	31	OK	8.61	16.0	49.9	58.0	18.6	32.0	11.2	256.2	1948
	302	31	OK	8.47	15.9	49.8	58.8	18.8	32.0	11.2	195.1	1550
	303	31	OK	8.44	15.9	50.2	59.4	18.9	31.7	11.6	186.5	1365
	304	31	OK	8.07	15.6	48.7	60.3	19.4	32.1	11.1	173.8	1318
	305	31	OK	8.54	16.4	49.1	57.5	19.2	33.3	10.9	179.5	1255
	306	31	OK	8.44	15.8	47.9	56.7	18.8	33.1	11.6	168.8	1054
	307	31	OK	8.13	16.0	49.2	60.6	19.7	32.6	11.7	182.1	1031
	308	31	OK	8.46	16.5	49.6	58.6	19.5	33.2	11.9	152.9	1379
	309	31	OK	8.03	15.3	46.4	57.8	19.0	32.9	11.2	164.4	1347
	310	31	OK	8.22	15.6	47.1	57.4	18.9	33.0	12.1	196.8	1336
	311	31	OK	8.21	15.2	47.4	57.7	18.5	32.1	11.8	225.6	1299
	312	31	OK	8.54	15.7	47.4	55.5	18.4	33.1	11.7	218.6	1103

Individual Animal Clinical Pathology Data

Group	Animal	Day	WB	RBC	HGB	HCT	MCV	MCH	MCHC	RDW	ARET	PLT
Sex	Number	Number		x10 ⁶ /uL	g/dL	%	fL	pg	g/dL	%	x10 ³ /uL	x10 ³ /uL
4m	401	31	OK	9.09	16.7	53.0	58.3	18.4	31.6	11.8	234.2	1337
	402	31	OK	8.05	16.2	51.4	63.9	20.1	31.5	12.1	206.9	1051
	403	31	OK	7.91	15.5	47.4	59.9	19.6	32.7	11.3	159.6	1524
	404	31	OK	7.99	15.2	46.6	58.2	19.1	32.7	11.3	181.2	1179
	405	31	OK	8.49	15.4	47.7	56.2	18.1	32.3	11.2	147.4	1475
	406	31	OK	7.79	15.0	46.8	60.1	19.3	32.0	12.1	194.8	1397
	407	31	OK	8.47	15.5	48.4	57.2	18.3	32.0	12.0	170.0	1504
	408	31	OK	8.23	15.8	48.5	59.0	19.2	32.6	11.9	228.8	1332
	409	31	OK	8.03	15.3	46.9	58.4	19.1	32.6	11.5	211.5	1440
	410	31	OK	8.39	15.3	48.5	57.8	18.3	31.6	11.5	176.8	1380
	411	31	OK	8.26	15.0	45.4	54.9	18.2	33.1	11.7	172.6	1244
	412	31	OK	8.17	15.5	48.7	59.6	19.0	31.9	12.6	237.4	1233

Individual Animal Clinical Pathology Data

Group	Animal Sex Number	Day Number	WBC x10 ³ /uL	ANEU x10 ³ /uL	ALYM x10 ³ /uL	AMON x10 ³ /uL	AEOS x10 ³ /uL	ABAS x10 ³ /uL	ALUC x10 ³ /uL	ABAN x10 ³ /uL	AHSN x10 ³ /uL	SPCA
1m	101	31	15.38	3.18	11.36	0.57	0.15	0.08	0.04	.	.	.
	102	31	11.50	1.37	9.65	0.16	0.18	0.06	0.07	.	.	.
	103	31	12.09	2.04	9.27	0.20	0.46	0.07	0.05	.	.	.
	104	31	14.56	2.04	11.80	0.14	0.30	0.17	0.11	.	.	.
	105	31	11.97	1.29	10.24	0.14	0.07	0.13	0.11	.	.	.
	106	31	11.18	1.69	9.04	0.22	0.08	0.10	0.04	.	.	.
	107	31	14.58	1.64	12.46	0.18	0.18	0.03	0.10	.	.	.
	108	31	11.69	2.14	8.99	0.28	0.11	0.06	0.09	.	.	.
	109	31	16.22	2.92	12.71	0.20	0.11	0.17	0.11	.	.	.
	110	31	11.12	1.61	9.15	0.15	0.10	0.06	0.04	.	.	.
	111	31	10.00	1.95	7.68	0.20	0.07	0.05	0.05	.	.	.
	112	31	15.56	1.89	12.95	0.28	0.22	0.06	0.16	.	.	.
2m	201	31	15.22	3.08	11.69	0.22	0.09	0.09	0.04	.	.	.
	202	31	10.99	1.17	9.34	0.21	0.10	0.10	0.07	.	.	.
	203	31	10.68	1.34	8.72	0.22	0.14	0.18	0.08	.	.	.
	204	31	22.51	3.07	18.57	0.33	0.23	0.16	0.16	.	.	.
	205	31	14.19	1.01	12.50	0.30	0.18	0.09	0.11	.	.	.
	206	31	11.64	1.60	9.62	0.19	0.07	0.09	0.07	.	.	.
	207	31	10.26	0.96	8.81	0.30	0.07	0.08	0.04	.	.	.
	208	31	12.79	1.32	10.78	0.22	0.24	0.14	0.10	.	.	.
	209	31	12.75	1.41	10.86	0.17	0.16	0.08	0.07	.	.	.
	210	31	13.46	1.08	11.89	0.19	0.15	0.08	0.07	.	.	.
	211	31	10.36	1.87	8.07	0.21	0.11	0.06	0.05	.	.	.
	212	31	12.49	1.80	10.22	0.25	0.07	0.10	0.05	.	.	.
3m	301	31	20.15	5.57	13.53	0.63	0.24	0.09	0.10	.	.	.
	302	31	11.21	1.56	9.18	0.21	0.09	0.10	0.06	.	.	.
	303	31	10.93	1.31	9.06	0.31	0.15	0.04	0.06	.	.	.
	304	31	15.10	1.88	12.54	0.34	0.11	0.14	0.09	.	.	.
	305	31	7.66	1.08	6.30	0.09	0.08	0.07	0.04	.	.	.
	306	31	9.27	2.23	6.63	0.20	0.14	0.04	0.04	.	.	.
	307	31	14.32	1.23	12.65	0.15	0.12	0.08	0.09	.	.	.
	308	31	16.25	2.37	13.36	0.23	0.07	0.08	0.14	.	.	.
	309	31	15.30	1.84	12.70	0.41	0.17	0.09	0.09	.	.	.
	310	31	15.83	1.74	13.48	0.22	0.18	0.10	0.10	.	.	.
	311	31	9.67	1.44	7.91	0.07	0.10	0.08	0.06	.	.	.
	312	31	11.19	1.59	9.24	0.12	0.15	0.05	0.05	.	.	.

Individual Animal Clinical Pathology Data

Group	Animal	Day	WBC	ANEU	ALYM	AMON	AEOS	ABAS	ALUC	ABAN	AHSN	SPCA
Sex	Number	Number	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL	
4m	401	31	14.60	2.02	11.98	0.18	0.17	0.13	0.12	.	.	.
	402	31	12.18	1.59	9.90	0.38	0.09	0.13	0.08	.	.	.
	403	31	10.93	1.98	8.49	0.15	0.15	0.11	0.06	.	.	.
	404	31	11.53	1.69	9.21	0.41	0.12	0.06	0.05	.	.	.
	405	31	10.72	1.60	8.80	0.14	0.06	0.05	0.08	.	.	.
	406	31	17.62	2.11	14.72	0.43	0.17	0.09	0.11	.	.	.
	407	31	19.94	2.39	16.76	0.34	0.23	0.14	0.08	.	.	.
	408	31	13.49	2.75	9.87	0.56	0.16	0.07	0.07	.	.	.
	409	31	13.17	2.77	9.87	0.19	0.22	0.05	0.07	.	.	.
	410	31	12.11	2.07	9.25	0.46	0.18	0.06	0.09	.	.	.
	411	31	12.54	2.42	9.65	0.16	0.15	0.09	0.08	.	.	.
	412	31	22.28	2.85	16.80	1.85	0.38	0.20	0.19	.	.	.

Individual Animal Clinical Pathology Data

Group	Animal	Day	WB	RBC	HGB	HCT	MCV	MCH	MCHC	RDW	ARET	PLT
Sex	Number	Number		x10 ⁶ /uL	g/dL	%	fL	pg	g/dL	%	x10 ³ /uL	x10 ³ /uL
1f	113	32	OK	8.21	15.3	45.1	55.0	18.7	34.0	12.2	180.0	1239
	114	32	OK	8.18	15.3	46.8	57.2	18.8	32.8	11.2	141.5	1256
	115	32	OK	8.20	15.7	47.1	57.4	19.2	33.4	11.5	212.6	1289
	116	32	OK	8.18	15.7	46.2	56.5	19.2	33.9	11.9	203.8	1400
	117	32	OK	7.59	15.4	46.8	61.7	20.3	33.0	12.6	221.7	1071
	118	32	OK	7.78	14.5	43.6	56.1	18.7	33.3	11.6	139.8	1497
	119	32	OK	8.37	15.6	46.6	55.6	18.6	33.5	11.2	117.5	1568
	120	32	OK	8.00	15.5	48.3	60.3	19.4	32.1	11.4	147.9	965
	121	32	OK	8.33	15.8	48.3	58.0	19.0	32.8	12.3	235.0	1209
	122	32	OK	8.48	15.9	47.0	55.4	18.7	33.8	11.3	120.6	1243
	123	32	OK	8.39	15.6	46.5	55.4	18.6	33.5	11.4	195.8	.
	124	32	OK	7.87	15.2	44.8	56.9	19.4	34.0	11.1	172.0	1376
2f	213	32	OK	8.56	16.0	47.3	55.3	18.6	33.7	10.9	140.9	1028
	214	32	OK	8.77	16.1	48.1	54.8	18.4	33.6	11.9	201.5	1320
	215	32	OK	8.61	16.0	47.7	55.3	18.6	33.6	11.0	150.2	1250
	216	32	OK	8.24	15.5	46.0	55.8	18.9	33.8	11.4	164.8	1417
	217	32	OK	9.06	17.1	50.3	55.6	18.9	34.0	11.4	209.0	.
	218	32	OK	8.63	16.7	49.6	57.5	19.4	33.7	12.0	233.1	1307
	219	32	OK	8.28	15.5	46.5	56.1	18.7	33.4	11.1	142.7	1189
	220	32	OK	8.17	15.9	47.6	58.3	19.5	33.4	11.2	187.9	1405
	221	32	OK	8.66	15.6	48.1	55.5	18.0	32.4	11.6	143.0	1347
	222	32	OK	7.88	15.3	45.1	57.2	19.4	33.9	11.3	121.7	1206
	223	32	OK	7.83	15.3	44.8	57.2	19.5	34.1	11.2	200.8	1345
	224	32	OK	7.67	14.9	43.7	57.0	19.4	34.1	11.4	124.7	1825
3f	313	32	OK	8.15	15.7	47.4	58.1	19.3	33.1	11.2	171.5	1090
	314	32	OK	9.25	16.6	50.2	54.3	18.0	33.1	11.0	149.0	1355
	315	32	OK	8.11	15.7	46.4	57.2	19.4	33.9	10.9	129.6	1680
	316	32	OK	8.40	15.7	47.1	56.1	18.7	33.4	12.0	152.5	1298
	317	32	OK	8.47	15.8	46.4	54.8	18.6	34.0	11.7	201.1	.
	318	32	OK	8.29	16.3	48.8	58.9	19.6	33.3	11.3	198.6	1355
	319	32	OK	8.27	15.9	46.8	56.5	19.2	33.9	11.5	152.1	1300
	320	32	OK	8.24	16.0	49.6	60.2	19.5	32.3	11.1	181.7	1240
	321	32	OK	7.77	14.6	44.1	56.7	18.8	33.1	11.5	147.6	1519
	322	32	OK	7.50	14.3	42.7	56.9	19.1	33.5	11.6	185.8	1547
	323	32	OK	7.89	15.7	47.0	59.6	19.9	33.3	12.2	206.6	.
	324	32	OK	8.04	15.2	44.6	55.6	18.9	34.0	11.1	158.7	1490

Individual Animal Clinical Pathology Data

Group	Animal	Day	WB	RBC	HGB	HCT	MCV	MCH	MCHC	RDW	ARET	PLT
Sex	Number	Number		x10 ⁶ /uL	g/dL	%	fL	pg	g/dL	%	x10 ³ /uL	x10 ³ /uL
4f	413	32	OK	7.99	15.4	45.8	57.4	19.3	33.7	11.8	217.5	1128
	414	32	OK	7.48	14.7	43.5	58.1	19.6	33.7	12.6	245.4	1321
	415	32	OK	8.06	15.7	46.5	57.7	19.4	33.7	12.3	240.0	1151
	416	32	OK	7.67	15.3	45.8	59.7	20.0	33.5	11.8	220.6	1228
	417	32	OK	8.13	15.7	47.6	58.5	19.3	32.9	11.4	176.3	1111
	418	32	OK	7.88	15.7	47.4	60.1	20.0	33.2	11.5	202.1	1278
	419	32	OK	8.23	15.9	48.0	58.4	19.3	33.1	12.2	308.6	1085
	420	32	OK	8.31	15.6	47.9	57.7	18.8	32.6	11.8	190.8	1520
	421	32	OK	8.34	15.1	45.8	55.0	18.1	33.0	12.1	198.9	1558
	422	32	OK	8.20	15.5	45.1	55.0	18.9	34.4	11.3	114.1	517
	423	32	OK	8.64	14.9	44.3	51.2	17.3	33.7	11.6	141.8	1207
	424	32	OK	8.38	16.1	48.2	57.5	19.2	33.4	11.9	200.7	1202

Individual Animal Clinical Pathology Data

Group	Animal Sex Number	Day Number	WBC x10 ³ /uL	ANEU x10 ³ /uL	ALYM x10 ³ /uL	AMON x10 ³ /uL	AEOS x10 ³ /uL	ABAS x10 ³ /uL	ALUC x10 ³ /uL	ABAN x10 ³ /uL	AHSN x10 ³ /uL	SPCA
1f	113	32	13.13	1.05	11.82	0.13	0.00	0.00	0.00	.	.	AAL=0.13
	114	32	9.58	0.77	8.12	0.21	0.27	0.15	0.06	.	.	
	115	32	10.71	0.75	9.31	0.39	0.12	0.05	0.09	.	.	
	116	32	12.85	0.87	11.55	0.10	0.13	0.12	0.08	.	.	
	117	32	10.73	0.96	9.31	0.21	0.14	0.08	0.05	.	.	
	118	32	13.38	1.13	11.43	0.42	0.13	0.16	0.11	.	.	
	119	32	14.88	0.65	13.56	0.21	0.24	0.11	0.11	.	.	
	120	32	13.02	0.59	11.65	0.32	0.16	0.23	0.07	.	.	
	121	32	12.55	1.44	10.43	0.30	0.22	0.12	0.04	.	.	
	122	32	10.24	1.05	8.33	0.49	0.23	0.09	0.05	.	.	
	123	32	13.89	1.62	10.97	0.61	0.35	0.13	0.20	.	.	
	124	32	12.94	1.08	10.73	0.73	0.24	0.10	0.07	.	.	
2f	213	32	16.84	0.94	15.15	0.31	0.22	0.13	0.09	.	.	AAL=0.14
	214	32	11.79	1.42	9.64	0.36	0.19	0.10	0.07	.	.	
	215	32	11.13	1.29	8.90	0.50	0.19	0.16	0.09	.	.	
	216	32	10.42	0.70	9.16	0.19	0.22	0.08	0.06	.	.	
	217	32	11.43	1.20	9.66	0.23	0.23	0.08	0.04	.	.	
	218	32	13.56	1.09	11.61	0.45	0.22	0.09	0.10	.	.	
	219	32	11.40	0.72	9.94	0.37	0.16	0.11	0.09	.	.	
	220	32	11.57	1.06	9.77	0.35	0.17	0.14	0.09	.	.	
	221	32	17.58	1.21	15.13	0.71	0.18	0.23	0.12	.	.	
	222	32	11.02	1.01	9.33	0.36	0.17	0.10	0.05	.	.	
	223	32	13.39	2.73	9.88	0.37	0.22	0.12	0.07	.	.	
	224	32	14.25	0.43	13.40	0.28	0.00	0.00	0.00	.	.	
3f	313	32	9.81	2.02	7.21	0.30	0.14	0.09	0.05	.	.	AAL=0.11
	314	32	9.43	0.95	7.85	0.22	0.28	0.08	0.04	.	.	
	315	32	11.03	0.51	10.02	0.22	0.15	0.06	0.07	.	.	
	316	32	11.66	0.91	9.98	0.31	0.18	0.18	0.09	.	.	
	317	32	15.05	1.29	13.22	0.12	0.23	0.10	0.08	.	.	
	318	32	10.85	1.31	8.90	0.29	0.18	0.11	0.06	.	.	
	319	32	12.62	1.09	10.53	0.53	0.24	0.12	0.11	.	.	
	320	32	13.56	2.00	10.74	0.39	0.29	0.08	0.05	.	.	
	321	32	11.48	1.38	9.54	0.34	0.11	0.00	0.00	.	.	
	322	32	17.93	3.88	13.27	0.47	0.18	0.07	0.06	.	.	
	323	32	11.70	2.46	7.50	0.58	0.00	0.00	0.00	0.35	0.23	
	324	32	20.10	2.80	16.14	0.60	0.29	0.15	0.13	.	.	

Individual Animal Clinical Pathology Data

Group	Animal	Day	WBC	ANEU	ALYM	AMON	AEOS	ABAS	ALUC	ABAN	AHSN	SPCA
Sex	Number	Number	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL	
4f	413	32	16.46	0.80	15.01	0.26	0.23	0.09	0.06	.	.	.
	414	32	16.57	1.96	13.76	0.34	0.30	0.12	0.08	.	.	.
	415	32	10.29	0.77	9.11	0.10	0.16	0.09	0.06	.	.	.
	416	32	13.22	1.65	11.08	0.19	0.15	0.10	0.06	.	.	.
	417	32	12.92	1.65	10.40	0.43	0.16	0.21	0.07	.	.	.
	418	32	11.89	1.30	9.80	0.47	0.13	0.10	0.09	.	.	.
	419	32	9.68	0.99	8.14	0.24	0.11	0.14	0.06	.	.	.
	420	32	12.82	0.53	11.82	0.13	0.15	0.10	0.09	.	.	.
	421	32	9.40	1.39	7.54	0.17	0.11	0.12	0.06	.	.	.
	422	32	15.67	0.48	14.68	0.17	0.10	0.10	0.14	.	.	.
	423	32	8.50	0.73	7.25	0.27	0.10	0.08	0.07	.	.	.
	424	32	14.90	2.10	12.05	0.39	0.20	0.08	0.08	.	.	.

Individual Animal Clinical Pathology Data

Group Sex	Animal Number	Day Number	WB	RBC x10 ⁶ /uL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	ARET x10 ³ /uL
1f	125	45	OK	6.13	11.9	37.4	61.0	19.4	31.8	18.9	574.3
	126	45	OK	6.87	13.3	42.2	61.5	19.4	31.5	13.3	326.7
	127	45	OK	7.17	13.0	42.0	58.5	18.1	31.0	17.7	539.8
	128	44	OK	6.29	12.5	38.4	61.1	19.8	32.4	16.8	450.2
	129	44	OK	6.75	12.3	39.4	58.3	18.2	31.2	18.4	488.8
	130	45	OK	6.71	12.0	39.1	58.3	17.9	30.7	17.0	506.1
	131	42	OK	7.10	13.4	42.2	59.4	18.9	31.8	15.5	407.9
	132	44	OK	7.87	14.9	45.9	58.3	18.9	32.4	14.7	371.8
	133	44	OK	6.87	13.0	40.2	58.6	18.9	32.2	17.3	521.9
	134	43	OK	6.81	13.4	43.2	63.5	19.7	31.0	16.7	505.7
	135	44	OK	6.63	12.6	40.2	60.6	19.0	31.4	17.5	442.6
	136	45	OK	6.71	12.9	40.1	59.7	19.2	32.1	16.1	455.3
2f	225	43	OK	6.38	13.0	40.1	62.9	20.3	32.4	17.0	475.2
	226	43	OK	7.06	13.0	41.5	58.8	18.3	31.2	15.5	421.5
	227	43	OK	7.20	13.7	43.7	60.8	19.0	31.3	15.5	400.3
	228	44	OK	6.07	12.3	39.3	64.7	20.2	31.3	20.6	699.6
	229	43	OK	6.47	11.9	37.9	58.5	18.4	31.4	18.6	625.1
	230	45	OK	6.29	12.1	38.6	61.5	19.2	31.3	19.2	646.7
	231	44	OK	6.42	12.3	39.2	61.1	19.2	31.4	14.8	407.2
	232	43	OK	7.24	13.6	42.4	58.6	18.8	32.2	15.6	394.1
	233	44	OK	6.94	12.8	42.4	61.0	18.4	30.1	19.5	698.9
	234	43	CLOT	.	.	.	.	.	.	.	.
	235	44	OK	6.99	12.8	40.9	58.5	18.4	31.4	15.1	376.1
	236	44	OK	6.73	13.1	43.2	64.1	19.4	30.3	15.7	469.2
3f	325	45	OK	7.29	13.5	42.9	58.8	18.6	31.6	16.3	421.3
	326	44	OK	6.84	13.7	43.9	64.2	20.0	31.2	16.0	397.8
	327	44	OK	6.77	12.9	42.0	62.0	19.1	30.8	17.2	518.1
	328	44	OK	7.05	13.5	42.3	60.0	19.2	32.0	15.9	513.7
	329	44	OK	6.69	13.4	41.0	61.3	20.0	32.6	15.8	506.6
	330	45	OK	6.89	13.3	42.3	61.4	19.3	31.5	15.8	438.9
	331	45	OK	7.32	13.3	42.2	57.6	18.1	31.5	15.7	408.8
	332	43	OK	6.40	12.2	37.8	59.1	19.0	32.1	16.7	485.9
	333	43	OK	7.28	13.0	43.5	59.7	17.9	29.9	15.6	426.7
	334	45	OK	6.29	12.1	39.2	62.3	19.3	31.0	18.1	573.4
	335	43	OK	7.58	13.8	43.6	57.4	18.3	31.8	15.4	370.4
	336	42	OK	7.22	14.0	43.9	60.8	19.4	31.8	13.4	338.4
4f	425	45	OK	7.29	14.2	44.6	61.1	19.5	31.9	14.1	263.3

Individual Animal Clinical Pathology Data

Group	Animal	Day	WB	RBC	HGB	HCT	MCV	MCH	MCHC	RDW	ARET
Sex	Number	Number		x10 ⁶ /uL	g/dL	%	fL	pg	g/dL	%	x10 ³ /uL
4f	426	42	OK	7.10	13.4	40.9	57.6	18.9	32.8	16.1	398.5
	427	43	OK	6.54	12.8	39.2	59.9	19.5	32.5	15.0	334.2
	428	44	OK	6.95	13.4	42.9	61.7	19.3	31.3	14.8	414.3
	429	42	OK	7.45	14.2	43.6	58.5	19.1	32.7	13.4	215.4
	431	42	OK	7.53	14.3	44.3	58.8	19.0	32.4	15.0	265.5
	432	45	OK	6.81	13.4	42.3	62.1	19.6	31.6	14.5	417.4
	433	43	OK	6.74	13.0	41.0	60.9	19.3	31.8	14.2	338.9
	434	43	OK	6.69	13.4	39.6	59.2	20.1	33.9	18.0	528.3
	435	45	OK	6.43	13.0	40.0	62.2	20.2	32.6	14.8	366.3
	436	45	OK	6.97	13.3	42.5	60.9	19.1	31.4	17.2	424.2

Individual Animal Clinical Pathology Data

Group	Animal	Day	PLT	WBC	ANEU	ALYM	AMON	AEOS	ABAS	ALUC
Sex	Number	Number	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL
1f	125	45	1757	10.59	3.19	6.91	0.34	0.09	0.04	0.02
	126	45	1154	11.75	2.72	8.49	0.17	0.18	0.15	0.04
	127	45	1701	12.05	3.58	7.97	0.29	0.08	0.08	0.05
	128	44	1392	14.08	3.18	10.52	0.12	0.10	0.08	0.07
	129	44	1777	13.81	5.49	7.87	0.28	0.06	0.05	0.05
	130	45	1600	11.79	3.94	7.34	0.28	0.12	0.07	0.04
	131	42	1463	14.68	2.61	11.49	0.37	0.10	0.05	0.06
	132	44	1319	12.53	3.12	9.02	0.18	0.11	0.06	0.04
	133	44	1762	11.38	3.14	7.61	0.35	0.12	0.09	0.07
	134	43	.	11.71	3.23	8.01	0.24	0.12	0.07	0.03
	135	44	1609	16.21	5.11	10.67	0.26	0.07	0.06	0.04
	136	45	.	13.78	4.13	9.07	0.35	0.12	0.05	0.05
2f	225	43	1822	13.40	3.03	10.04	0.12	0.11	0.04	0.06
	226	43	.	15.91	4.21	11.08	0.37	0.10	0.08	0.07
	227	43	1288	8.31	2.52	5.54	0.10	0.09	0.04	0.02
	228	44	.	22.34	7.65	13.85	0.38	0.23	0.14	0.08
	229	43	1497	16.59	2.93	13.14	0.27	0.05	0.11	0.08
	230	45	.	13.89	4.70	8.70	0.21	0.14	0.08	0.05
	231	44	1614	12.87	3.96	8.58	0.13	0.07	0.07	0.05
	232	43	1639	12.47	3.87	8.36	0.12	0.12	0.00	0.00
	233	44	.	12.39	3.75	8.29	0.14	0.08	0.08	0.06
	234	43	.	.	.	.	.	.	.	.
	235	44	.	9.60	1.74	7.62	0.06	0.08	0.05	0.03
	236	44	869	10.44	2.83	7.27	0.14	0.09	0.07	0.04
3f	325	45	1305	7.42	1.98	5.16	0.11	0.09	0.05	0.03
	326	44	1015	13.89	3.68	9.86	0.17	0.08	0.05	0.05
	327	44	1332	12.42	2.45	9.68	0.11	0.08	0.05	0.06
	328	44	1516	13.40	3.69	9.24	0.22	0.12	0.07	0.05
	329	44	1557	14.79	4.50	9.84	0.21	0.15	0.05	0.04
	330	45	.	12.73	3.35	8.95	0.08	0.17	0.12	0.06
	331	45	.	17.19	3.71	12.95	0.24	0.12	0.09	0.07
	332	43	.	9.04	3.22	5.33	0.28	0.05	0.14	0.03
	333	43	.	13.35	1.74	11.07	0.27	0.27	0.00	0.00
	334	45	.	10.08	2.46	7.28	0.25	0.04	0.02	0.04
	335	43	1343	11.40	3.77	7.21	0.22	0.09	0.05	0.06
	336	42	1125	14.39	3.08	10.80	0.20	0.19	0.06	0.06
4f	425	45	.	7.93	2.75	4.87	0.17	0.11	0.02	0.01

Individual Animal Clinical Pathology Data

Group	Animal	Day	PLT	WBC	ANEU	ALYM	AMON	AEOS	ABAS	ALUC
Sex	Number	Number	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL	x10 ³ /uL
4f	426	42	1251	17.21	2.76	13.86	0.42	0.07	0.05	0.05
	427	43	1907	12.60	2.74	9.50	0.12	0.08	0.11	0.04
	428	44	2001	11.95	3.35	8.30	0.10	0.10	0.08	0.03
	429	42	1516	17.81	3.57	13.44	0.43	0.20	0.07	0.10
	431	42	1857	18.85	2.38	15.74	0.34	0.14	0.14	0.11
	432	45	.	14.93	3.27	11.01	0.29	0.22	0.07	0.07
	433	43	1622	12.31	2.25	9.72	0.14	0.08	0.08	0.04
	434	43	1999	12.20	2.56	9.27	0.37	0.00	0.00	0.00
	435	45	.	7.86	1.54	6.04	0.11	0.06	0.08	0.03
	436	45	1425	7.35	1.88	5.23	0.09	0.07	0.06	0.02

Individual Animal Clinical Pathology Data

Group	Animal	Day	ANIS	MIC	MAC	POLY	HYPO	ECHI	ACAN	TARG	RX
Sex	Number	Number									
1m	101	31	-	-	-	-	-	Trace	Trace	-	-
	102	31	-	-	-	-	-	Trace	Few	-	-
	103	31	-	-	-	-	-	-	-	-	-
	104	31	-	-	-	-	-	-	-	-	-
	105	31	-	-	-	-	-	Few	Trace	-	-
	106	31	-	-	-	Trace	-	Few	Mod	-	-
	107	31	-	-	-	-	-	Few	Trace	-	-
	108	31	-	-	-	-	-	-	Trace	-	-
	109	31	-	-	-	-	-	-	Trace	-	-
	110	31	-	-	-	-	-	-	-	-	-
	111	31	-	-	-	-	-	-	-	-	-
	112	31	-	-	-	-	-	-	-	-	-
2m	201	31	Trace	-	Trace	-	-	-	Trace	-	-
	202	31	-	-	-	-	-	-	Trace	-	-
	203	31	-	-	-	-	-	-	Trace	-	-
	204	31	-	-	-	-	-	-	Few	-	-
	205	31	-	-	-	-	-	-	-	-	-
	206	31	-	-	-	Trace	-	-	-	-	-
	207	31	-	-	-	-	-	Mod	Few	-	-
	208	31	-	-	-	-	-	Trace	Trace	-	-
	209	31	-	-	-	-	-	Trace	Trace	-	-
	210	31	-	-	-	-	-	-	-	-	-
	211	31	-	-	-	-	-	-	Trace	-	-
	212	31	-	-	-	-	-	-	Trace	-	-
3m	301	31	-	-	-	-	-	Trace	Trace	-	-
	302	31	-	-	-	-	-	-	Trace	-	-
	303	31	-	-	-	-	-	Trace	Trace	-	-
	304	31	-	-	-	-	-	-	Trace	-	-
	305	31	-	-	-	-	-	-	Trace	-	-
	306	31	-	-	-	-	-	Mod	Trace	-	-
	307	31	Trace	Trace	-	-	-	Trace	Trace	-	-
	308	31	-	-	-	-	-	-	-	-	-
	309	31	-	-	-	-	-	Few	Trace	-	-
	310	31	-	-	-	-	-	-	Trace	-	-
	311	31	-	-	-	-	-	Trace	Trace	-	-
	312	31	-	-	-	Trace	-	Trace	Trace	-	-

Individual Animal Clinical Pathology Data

Group	Animal	Day	ANIS	MIC	MAC	POLY	HYPO	ECHI	ACAN	TARG	RX
Sex	Number	Number									
4m	401	31	-	-	-	-	-	-	-	-	-
	402	31	-	-	-	-	-	-	-	-	-
	403	31	-	-	-	-	-	-	-	-	-
	404	31	-	-	-	-	-	Trace	Trace	-	-
	405	31	-	-	-	-	-	-	Trace	-	-
	406	31	-	-	-	-	-	-	Trace	-	-
	407	31	-	-	-	-	-	Trace	Trace	-	-
	408	31	Trace	Trace	-	-	-	-	Trace	-	-
	409	31	-	-	-	-	-	-	-	-	-
	410	31	-	-	-	-	-	-	-	-	-
	411	31	-	-	-	-	-	Trace	Few	-	-
	412	31	-	-	-	-	-	-	-	-	-

Individual Animal Clinical Pathology Data

Group	Animal	Day	HJB	SM	TOX	DB	VC	BC	PCE	GP	BP
Sex	Number	Number									
1m	101	31	-	-	-	-	-	-	-	Trace	-
	102	31	-	-	-	-	-	-	-	-	-
	103	31	-	-	-	-	-	-	UTD	-	-
	104	31	-	-	-	-	-	-	-	-	-
	105	31	-	-	-	-	-	-	-	-	-
	106	31	Trace	-	-	-	-	-	-	-	-
	107	31	-	-	-	-	-	-	-	-	-
	108	31	-	-	-	-	-	-	-	-	-
	109	31	-	-	-	-	-	-	-	-	-
	110	31	-	-	-	-	-	-	-	-	-
	111	31	-	-	-	-	-	-	-	-	-
	112	31	-	-	-	-	-	-	-	-	-
2m	201	31	-	-	-	-	-	-	-	-	-
	202	31	-	-	-	-	-	-	-	-	-
	203	31	-	-	-	-	-	-	-	Trace	-
	204	31	-	-	-	-	-	-	-	-	-
	205	31	-	-	-	-	-	-	-	Trace	-
	206	31	-	-	-	-	-	-	-	-	-
	207	31	-	-	-	-	-	-	-	Trace	-
	208	31	-	-	-	-	-	-	-	-	-
	209	31	-	-	-	-	-	-	-	-	-
	210	31	-	-	-	-	-	-	-	-	-
	211	31	-	-	-	-	-	-	-	-	-
	212	31	-	-	-	-	-	-	-	-	-
3m	301	31	-	-	-	-	-	-	-	-	-
	302	31	-	-	-	-	-	-	-	-	-
	303	31	-	-	-	-	-	-	-	-	-
	304	31	-	-	-	-	-	-	-	-	-
	305	31	-	-	-	-	-	-	-	Trace	-
	306	31	-	-	-	-	-	-	-	-	-
	307	31	-	-	-	-	-	-	-	Trace	-
	308	31	-	-	-	-	-	-	-	-	-
	309	31	-	-	-	-	-	-	-	-	-
	310	31	-	-	-	-	-	-	-	-	-
	311	31	-	-	-	-	-	-	-	-	-
	312	31	-	-	-	-	-	-	-	-	-

Individual Animal Clinical Pathology Data

Group	Animal	Day	HJB	SM	TOX	DB	VC	BC	PCE	GP	BP
Sex	Number	Number									
4m	401	31	-	-	-	-	-	-	-	-	-
	402	31	-	-	-	-	-	-	-	-	-
	403	31	-	-	-	-	-	-	-	-	-
	404	31	-	-	-	-	-	-	-	-	-
	405	31	-	-	-	-	-	-	-	-	-
	406	31	-	-	-	-	-	-	-	-	-
	407	31	-	-	-	-	-	-	-	-	-
	408	31	-	-	-	-	-	-	-	-	-
	409	31	-	-	-	-	-	-	-	-	-
	410	31	-	-	-	-	-	-	-	-	-
	411	31	-	-	-	-	-	-	-	Trace	-
	412	31	-	-	Many	-	-	-	-	-	-

Individual Animal Clinical Pathology Data

Group	Animal	Day	ANIS	MIC	MAC	POLY	HYPO	ECHI	ACAN	TARG	RX
Sex	Number	Number									
1f	113	32	-	-	-	-	-	-	Trace	-	-
	114	32	Trace	Trace	-	-	-	Trace	Trace	-	-
	115	32	-	-	-	-	-	-	-	-	-
	116	32	-	-	-	Trace	-	Trace	Trace	-	-
	117	32	-	-	-	-	-	-	-	-	-
	118	32	-	-	-	-	-	Trace	Trace	-	-
	119	32	-	-	-	-	-	-	Trace	-	-
	120	32	-	-	-	-	-	Mod	Few	-	-
	121	32	Trace	Trace	-	-	-	Few	Few	-	-
	122	32	-	-	-	-	-	Few	Trace	-	-
	123	32	Trace	Trace	-	-	-	Trace	Trace	-	-
	124	32	-	-	-	-	-	-	-	-	-
2f	213	32	-	-	-	-	-	-	Trace	-	-
	214	32	Trace	Trace	-	-	-	Trace	Trace	-	-
	215	32	-	-	-	-	-	-	Trace	-	-
	216	32	-	-	-	-	-	-	Few	-	-
	217	32	-	-	-	-	-	-	-	-	-
	218	32	-	-	-	-	-	-	-	-	-
	219	32	-	-	-	-	-	-	-	-	-
	220	32	Trace	Trace	-	-	-	Few	Few	-	-
	221	32	Trace	Trace	-	-	-	Trace	Mod	-	-
	222	32	Trace	Trace	-	-	-	Trace	Trace	-	-
	223	32	Trace	Trace	-	-	-	-	Trace	-	-
	224	32	-	-	-	-	-	-	-	-	-
3f	313	32	Trace	Trace	-	-	-	-	Trace	-	-
	314	32	-	-	-	-	-	Trace	Trace	-	-
	315	32	-	-	-	-	-	Few	Few	-	-
	316	32	Trace	Trace	-	-	-	-	Trace	-	-
	317	32	-	-	-	-	-	-	-	-	-
	318	32	-	-	-	-	-	Trace	Trace	-	-
	319	32	-	-	-	-	-	Mod	Mod	-	-
	320	32	-	-	-	-	-	-	-	-	-
	321	32	Trace	Trace	-	-	-	Few	Mod	-	-
	322	32	Trace	Trace	-	-	-	Few	Mod	-	-
	323	32	Trace	Trace	-	-	-	Trace	Trace	-	-
	324	32	-	-	-	-	-	-	-	-	-

Individual Animal Clinical Pathology Data

Group	Animal	Day	ANIS	MIC	MAC	POLY	HYPO	ECHI	ACAN	TARG	RX
Sex	Number	Number									
4f	413	32	-	-	-	-	-	Trace	Trace	-	-
	414	32	-	-	-	Trace	-	-	Trace	-	-
	415	32	-	-	-	Trace	-	Few	Trace	-	-
	416	32	-	-	-	-	-	-	-	-	-
	417	32	-	-	-	-	-	Trace	Trace	-	-
	418	32	-	-	-	-	-	-	-	-	-
	419	32	Trace	Trace	-	-	-	-	Trace	-	-
	420	32	-	-	-	-	-	Few	Few	-	-
	421	32	-	-	-	-	-	Trace	Few	-	-
	422	32	-	-	-	-	-	Mod	Few	-	-
	423	32	Trace	Trace	-	-	-	Trace	Trace	-	-
	424	32	-	-	-	-	-	Trace	Trace	-	-

Individual Animal Clinical Pathology Data

Group	Animal	Day	HJB	SM	TOX	DB	VC	BC	PCE	GP	BP
Sex	Number	Number									
1f	113	32	-	-	-	-	-	-	-	-	-
	114	32	-	-	Few	-	-	-	-	Trace	-
	115	32	-	-	-	-	-	-	-	-	-
	116	32	-	-	-	-	-	-	-	-	-
	117	32	-	-	-	-	-	-	-	-	-
	118	32	-	-	-	-	-	-	-	-	-
	119	32	-	-	-	-	-	-	-	-	-
	120	32	-	-	-	-	-	-	-	-	-
	121	32	-	-	-	-	-	-	-	-	-
	122	32	-	-	-	-	-	-	-	-	-
	123	32	-	-	-	-	-	-	Adeq	-	-
	124	32	-	-	-	-	-	-	-	-	-
2f	213	32	-	-	-	-	-	-	-	-	-
	214	32	-	-	-	-	-	-	-	-	-
	215	32	-	-	-	-	-	-	-	Trace	-
	216	32	-	-	-	-	-	-	-	-	-
	217	32	-	-	-	-	-	-	UTD	-	-
	218	32	-	-	-	-	-	-	-	-	-
	219	32	-	-	-	-	-	-	-	-	-
	220	32	-	-	-	-	-	-	-	-	-
	221	32	-	-	-	-	-	-	-	-	-
	222	32	-	-	-	-	-	-	-	-	-
3f	223	32	-	-	-	-	-	-	-	-	-
	224	32	-	-	-	-	-	-	-	-	-
	313	32	-	-	-	-	-	-	-	-	-
	314	32	-	-	-	-	-	-	-	-	-
	315	32	-	-	-	-	-	-	-	-	-
	316	32	-	-	-	-	-	-	-	-	-
	317	32	-	-	-	-	-	-	UTD	-	-
	318	32	-	-	-	-	-	-	-	-	-
	319	32	-	-	-	-	-	-	-	-	-
	320	32	-	-	-	-	-	-	-	-	-
	321	32	-	-	-	-	-	-	-	-	-
	322	32	-	-	-	-	-	-	-	-	-
	323	32	-	-	-	-	-	-	Adeq	-	-
	324	32	-	-	-	-	-	-	-	-	-

Individual Animal Clinical Pathology Data

Group	Animal	Day	HJB	SM	TOX	DB	VC	BC	PCE	GP	BP
Sex	Number	Number									
4f	413	32	-	-	-	-	-	-	-	-	-
	414	32	-	-	-	-	-	-	-	-	-
	415	32	-	-	-	-	-	-	-	-	-
	416	32	-	-	-	-	-	-	-	-	-
	417	32	-	-	Few	-	-	-	-	-	-
	418	32	-	-	-	-	-	-	-	-	-
	419	32	-	-	-	-	-	-	-	-	-
	420	32	-	-	-	-	-	-	-	-	-
	421	32	-	-	-	-	-	-	-	-	-
	422	32	-	-	-	-	-	-	-	-	-
	423	32	-	-	-	-	-	-	-	-	-
	424	32	-	-	-	-	-	-	-	-	-

Individual Animal Clinical Pathology Data

Group	Animal	Day	ANIS	MIC	MAC	POLY	HYPO	ECHI	ACAN	TARG	RX
Sex	Number	Number									
1f	125	45	Few	Trace	Trace	Trace	Trace	-	Trace	-	-
	126	45	Trace	-	Trace	-	-	-	Trace	-	-
	127	45	Few	Trace	Trace	-	-	-	Few	-	-
	128	44	-	-	-	Trace	-	-	Trace	-	-
	129	44	Trace	Trace	-	Trace	-	-	Few	-	-
	130	45	Few	Trace	Trace	-	-	-	Few	-	-
	131	42	-	-	-	-	-	-	-	-	-
	132	44	Trace	Trace	-	-	-	-	Mod	-	-
	133	44	Few	Few	-	Trace	-	-	Few	-	-
	134	43	Few	-	Few	Trace	-	-	Trace	-	-
	135	44	Trace	Trace	-	-	-	-	Few	-	-
	136	45	Few	Trace	Trace	-	Trace	-	Few	-	-
2f	225	43	Few	-	Few	Trace	-	-	-	-	-
	226	43	Trace	-	Trace	Trace	-	-	-	-	-
	227	43	-	-	-	-	-	Trace	Few	-	-
	228	44	Few	Trace	Trace	Few	-	-	Trace	-	-
	229	43	Few	-	Few	Few	Trace	-	Mod	-	-
	230	45	Few	Trace	Trace	Trace	-	-	Few	-	-
	231	44	Few	Few	-	-	-	-	Few	-	-
	232	43	Trace	-	Trace	-	-	-	Trace	-	-
	233	44	Few	Trace	Trace	Few	-	-	Few	-	-
	235	44	Trace	Trace	-	-	-	-	Trace	-	-
	236	44	-	-	-	-	-	-	-	-	-
3f	325	45	Few	Trace	Trace	-	-	-	Trace	-	-
	326	44	Trace	Trace	-	-	-	-	-	-	-
	327	44	Trace	Trace	-	-	-	-	-	-	-
	328	44	Trace	Trace	-	-	-	-	Few	-	-
	329	44	Trace	-	Trace	-	-	-	Trace	-	-
	330	45	Few	Trace	Trace	-	-	-	Trace	-	-
	331	45	Trace	Trace	-	-	-	-	Trace	-	-
	332	43	Trace	-	Trace	Trace	-	-	-	-	-
	333	43	Trace	-	Trace	Trace	-	-	Trace	-	-
	334	45	Few	Trace	Trace	Trace	-	-	Trace	-	-
	335	43	-	-	-	-	-	-	Few	-	-
	336	42	-	-	-	-	-	-	-	-	-
4f	425	45	Trace	Trace	-	-	-	-	Few	-	-
	426	42	-	-	-	-	-	-	Trace	-	-

Individual Animal Clinical Pathology Data

Group Sex	Animal Number	Day Number	ANIS	MIC	MAC	POLY	HYPO	ECHI	ACAN	TARG	RX
4f	427	43	Trace	-	Trace	Trace	-	-	-	-	-
	428	44	Few	Trace	Trace	-	-	-	-	-	-
	429	42	-	-	-	-	-	-	-	-	-
	431	42	-	-	-	-	-	-	-	-	-
	432	45	-	-	-	-	-	-	Few	-	-
	433	43	-	-	-	-	-	-	Trace	-	-
	434	43	Trace	-	Trace	Trace	-	-	Few	-	-
	435	45	Trace	Trace	Trace	-	-	-	Trace	-	-
	436	45	Few	Trace	Trace	-	-	-	Trace	-	-

Individual Animal Clinical Pathology Data

Group	Animal	Day	HJB	SM	TOX	DB	VC	BC	PCE	GP	BP
Sex	Number	Number									
1f	125	45	-	-	-	-	-	-	-	-	-
	126	45	-	-	-	-	-	-	-	-	-
	127	45	-	-	-	-	-	-	-	Trace	-
	128	44	-	-	-	-	-	-	-	Trace	Trace
	129	44	-	-	-	-	-	-	-	-	-
	130	45	-	-	-	-	-	-	-	.	-
	131	42	-	-	-	-	-	-	-	Trace	-
	132	44	-	-	-	-	-	-	-	-	-
	133	44	-	-	-	-	-	-	-	-	-
	134	43	-	-	-	-	-	-	Adeq	Trace	-
	135	44	-	-	-	-	-	-	-	Trace	-
	136	45	-	-	-	-	-	-	Adeq	-	-
	225	43	-	-	-	-	-	-	-	-	-
	226	43	-	-	-	-	-	-	Adeq	Trace	-
2f	227	43	-	-	-	-	-	-	-	-	-
	228	44	-	-	-	-	-	-	Adeq	-	-
	229	43	-	-	-	-	-	-	-	Trace	-
	230	45	-	-	-	-	-	-	Adeq	Trace	-
	231	44	-	-	-	-	-	-	-	-	-
	232	43	-	-	-	-	-	-	-	-	-
	233	44	-	-	-	-	-	-	Adeq	-	-
	235	44	-	-	-	-	-	-	Adeq	-	-
	236	44	-	-	-	-	-	-	-	-	-
	325	45	-	-	-	-	-	-	-	-	-
3f	326	44	-	-	-	-	-	-	-	Trace	-
	327	44	-	-	-	-	-	-	-	-	-
	328	44	-	-	-	-	-	-	-	-	-
	329	44	-	-	-	-	-	-	-	-	-
	330	45	-	-	-	-	-	-	Adeq	-	-
	331	45	-	-	-	-	-	-	Adeq	Trace	-
	332	43	-	-	-	-	-	-	Adeq	-	-
	333	43	-	-	-	-	-	-	UTD	-	-
	334	45	-	-	-	-	-	-	Adeq	Trace	-
	335	43	-	-	-	-	-	-	-	-	-
	336	42	-	-	-	-	-	-	-	Trace	-
4f	425	45	-	-	-	-	-	-	Adeq	-	-
	426	42	-	-	-	-	-	-	-	Trace	-

Individual Animal Clinical Pathology Data

Group	Animal	Day	HJB	SM	TOX	DB	VC	BC	PCE	GP	BP
Sex	Number	Number									
4f	427	43	-	-	-	-	-	-	-	-	-
	428	44	-	-	-	-	-	-	-	-	-
	429	42	-	-	-	-	-	-	-	Trace	-
	431	42	-	-	-	-	-	-	-	Trace	-
	432	45	-	-	-	-	-	-	Adeq	Trace	-
	433	43	-	-	-	-	-	-	-	-	-
	434	43	-	-	-	-	-	-	-	-	-
	435	45	-	-	-	-	-	-	Adeq	-	-
	436	45	-	-	-	-	-	-	-	Trace	-

Individual Animal Clinical Pathology Data

Group Sex	Animal Number	Day Number	PT sec	PICT	PLIP	PHEM	APTT sec
1m	101	31	14.6	None	None	None	14.9
	102	31	13.9	None	None	None	14.2
	103	31	13.9	None	None	None	13.4
	104	31	16.9	None	None	None	16.1
	105	31	15.1	None	None	None	18.3
	106	31	12.8	None	None	None	13.9
	107	31	13.5	None	None	None	14.6
	108	31	13.7	None	None	None	13.8
	109	31	14.7	None	None	None	14.9
	110	31	15.3	None	None	None	15.9
	111	31	14.3	None	None	None	15.8
	112	31	13.5	None	None	None	14.6
2m	201	31	13.8	None	None	None	13.9
	202	31	13.9	None	None	None	16.0
	203	31	14.7	None	None	None	14.5
	204	31	14.8	None	None	None	14.7
	205	31	13.6	None	None	None	15.2
	206	31	14.5	None	None	None	16.2
	207	31	16.2	None	None	None	15.3
	208	31	14.5	None	None	None	16.8
	209	31	14.8	None	None	None	14.0
	210	31	13.8	None	None	None	15.5
	211	31	14.4	None	None	None	17.1
	212	31	14.8	None	None	None	16.3
3m	301	31	14.6	None	None	None	18.2
	302	31	15.8	None	None	None	18.1
	303	31	13.9	None	None	None	14.8
	304	31	14.1	None	None	None	15.2
	305	31	14.1	None	None	None	15.1
	306	31	17.5	None	None	None	18.0
	307	31	14.1	None	None	None	16.3
	308	31	14.3	None	None	None	17.7
	309	31	13.6	None	None	None	16.2
	310	31	15.5	None	None	None	18.5
	311	31	14.3	None	None	None	14.5
	312	31	13.9	None	None	None	15.2
4m	401	31	14.5	None	None	None	16.9

Individual Animal Clinical Pathology Data

Group Sex	Animal Number	Day Number	PT sec	PICT	PLIP	PHEM	APTT sec
4m	402	31	14.6	None	None	None	15.3
	403	31	14.8	None	None	None	16.7
	404	31	19.3	None	None	None	14.6
	405	31	14.5	None	None	None	17.2
	406	31	14.1	None	None	None	14.0
	407	31	14.7	None	None	None	16.8
	408	31	13.9	None	None	None	16.4
	409	31	17.1	None	None	None	18.8
	410	31	13.9	None	None	None	15.6
	411	31	15.4	None	None	None	14.7
	412	31	15.2	None	None	None	16.4

Individual Animal Clinical Pathology Data

Group Sex	Animal Number	Day Number	PT sec	PICT	PLIP	PHEM	APTT sec
1f	113	32	13.7	None	None	None	14.7
	114	32	14.4	None	None	None	14.7
	115	32	13.9	None	None	None	13.4
	116	32	13.1	None	None	None	14.3
	117	32	13.5	None	None	None	12.2
	118	32	13.7	None	None	None	12.3
	119	32	13.9	None	None	None	12.0
	120	32	13.5	None	None	None	15.1
	121	32	14.0	None	None	None	14.4
	122	32	13.5	None	None	None	14.2
	123	32	13.5	None	None	None	15.8
	124	32	13.0	None	None	None	9.9
2f	213	32	14.1	None	None	None	12.2
	214	32	13.4	None	None	None	11.0
	215	32	14.2	None	None	None	13.1
	216	32	13.8	None	None	None	13.4
	217	32	14.4	None	None	None	13.5
	218	32	14.1	None	None	None	14.2
	219	32	13.6	None	None	None	11.5
	220	32	13.9	None	None	None	15.3
	221	32	13.9	None	None	None	15.3
	222	32	13.4	None	None	None	13.8
	223	32	13.9	None	None	None	15.6
3f	313	32	13.9	None	None	None	15.4
	314	32	13.1	None	None	None	14.1
	315	32	14.2	None	None	None	15.6
	316	32	13.6	None	None	None	12.1
	317	32	13.6	None	None	None	14.0
	318	32	14.1	None	None	None	14.9
	319	32	14.6	None	None	None	14.6
	320	32	13.5	None	None	None	13.9
	321	32	13.4	None	None	None	14.1
	322	32	13.5	None	None	None	14.5
	323	32	13.6	None	None	None	16.4
4f	413	32	13.7	None	None	None	12.8

Individual Animal Clinical Pathology Data

Group Sex	Animal Number	Day Number	PT sec	PICT	PLIP	PHEM	APTT sec
4f	414	32	13.8	None	None	None	12.0
	415	32	13.5	None	None	None	15.8
	416	32	14.0	None	None	None	13.4
	417	32	13.9	None	None	None	13.6
	418	32	13.5	None	None	None	13.7
	419	32	13.9	None	None	None	12.2
	420	32	13.8	None	None	None	13.1
	421	32	13.9	None	None	None	12.6
	422	32	12.4	None	None	None	12.5
	423	32	13.1	None	None	None	14.5
	424	32	13.9	None	None	None	17.3

Individual Animal Clinical Pathology Data

Group Sex	Animal Number	Day Number	PT sec	PICT	PLIP	PHEM	APTT sec
1f	125	42	15.6	None	None	None	17.7
	126	42	15.5	None	None	None	19.1
	127	42	15.5	None	None	None	13.0
	128	42	15.3	None	None	None	15.0
	129	42	15.9	None	None	None	14.5
	130	42	15.7	None	None	None	17.9
	131	42	15.9	None	None	None	14.1
	132	42	15.4	None	None	None	16.1
	133	42	15.8	None	None	None	17.1
	134	42	14.9	None	None	None	13.0
	135	42	15.5	None	None	None	15.1
	136	42	15.5	None	None	None	15.5
2f	225	42	15.5	None	None	None	13.6
	226	42	15.6	None	None	None	16.2
	227	42	15.1	None	None	None	13.1
	228	42	15.5	None	None	None	17.2
	229	42	15.5	None	None	None	14.9
	230	42	15.4	None	None	None	14.1
	231	42	15.8	None	None	None	12.1
	232	42	15.8	None	None	None	13.8
	233	42	15.3	None	None	None	16.1
	234	42	16.8	None	None	None	14.4
	235	42	14.7	None	None	None	15.5
3f	325	42	15.9	None	None	None	17.3
	326	42	15.1	None	None	None	15.7
	327	42	15.5	None	None	None	16.2
	328	42	14.8	None	None	None	16.1
	329	42	15.0	None	None	None	14.9
	330	42	15.9	None	None	None	14.5
	331	42	15.5	None	None	None	17.0
	332	42	15.3	None	None	None	12.2
	333	42	15.6	None	None	None	16.0
	334	42	15.5	None	None	None	16.6
	335	42	15.2	None	None	None	14.9
4f	336	42	15.5	None	None	Trace	12.9
	425	42	15.5	None	None	None	17.6

Individual Animal Clinical Pathology Data

Group Sex	Animal Number	Day Number	PT sec	PICT	PLIP	PHEM	APTT sec
4f	426	42	15.4	None	None	None	13.1
	427	42	16.3	None	None	None	14.7
	428	42	15.1	None	None	None	18.3
	429	42	14.7	None	None	None	12.4
	431	42	15.6	None	None	None	15.6
	432	42	15.6	None	None	None	15.6
	433	42	15.8	None	None	None	14.4
	434	42	15.9	None	None	None	14.5
	435	42	15.6	None	None	None	15.3
	436	42	15.9	None	None	None	17.4

Individual Animal Clinical Pathology Data

Group	Animal	Day	HEM	LIP	ICT	AST	ALT	SDH	ALKP	GGT	BILI	BUN
Sex	Number	Number				U/L	U/L	U/L	U/L	U/L	mg/dL	mg/dL
1m	101	31	None	None	None	86	30	24.1	180	0	0.16	15
	102	31	None	None	None	64	21	18.6	131	0	0.14	11
	103	31	None	None	None	116	29	5.3	195	0	0.16	16
	104	31	None	None	None	68	30	15.7	155	0	0.14	11
	105	31	None	None	None	69	25	18.3	116	0	0.13	11
	106	31	None	None	None	61	23	21.7	192	0	0.19	14
	107	31	None	None	None	73	30	16.7	185	0	0.16	10
	108	31	None	None	None	61	25	15.1	168	0	0.12	10
	109	31	None	None	None	66	28	15.3	180	0	0.12	13
	110	31	None	None	None	86	34	17.0	167	0	0.15	14
	111	31	None	None	None	75	27	14.0	100	0	0.12	13
	112	31	None	None	None	68	23	17.5	107	0	0.14	15
2m	201	31	None	None	None	63	24	21.7	144	0	0.15	15
	202	31	None	None	None	62	19	18.8	174	0	0.20	15
	203	31	None	None	None	82	26	21.7	172	0	0.14	13
	204	31	None	None	None	76	28	19.2	184	0	0.16	13
	205	31	None	None	None	60	20	14.4	153	0	0.13	13
	206	31	None	None	None	79	23	14.4	143	0	0.11	11
	207	31	None	None	None	85	32	19.6	142	0	0.15	12
	208	31	None	None	None	74	23	13.8	160	0	0.16	12
	209	31	None	None	None	68	19	13.3	173	0	0.12	10
	210	31	None	None	None	71	23	18.7	165	0	0.15	12
	211	31	None	None	None	102	36	12.7	123	0	0.11	17
	212	31	None	None	None	91	28	21.9	169	0	0.15	16
3m	301	31	None	None	None	71	21	20.0	152	0	0.17	14
	302	31	None	None	None	65	22	17.4	182	0	0.15	12
	303	31	None	None	None	72	27	19.6	217	0	0.14	15
	304	31	None	None	None	67	23	14.2	136	0	0.14	15
	305	31	None	None	None	79	35	28.7	153	0	0.14	14
	306	31	None	None	None	83	25	16.8	136	0	0.16	14
	307	31	None	None	None	74	22	17.1	169	0	0.18	12
	308	31	None	None	None	77	22	20.5	188	0	0.12	11
	309	31	None	None	None	79	24	22.9	91	0	0.14	11
	310	31	None	None	None	60	23	14.3	106	0	0.14	12
	311	31	None	None	None	77	32	14.3	104	0	0.13	12
	312	31	None	None	None	74	21	10.8	125	0	0.16	12

Individual Animal Clinical Pathology Data

Group	Animal	Day	HEM	LIP	ICT	AST	ALT	SDH	ALKP	GGT	BILI	BUN
Sex	Number	Number				U/L	U/L	U/L	U/L	U/L	mg/dL	mg/dL
4m	401	31	None	None	None	65	27	19.0	189	0	0.17	12
	402	31	None	None	None	75	28	21.1	148	0	0.21	12
	403	31	None	None	None	63	19	17.5	139	0	0.17	11
	404	31	None	None	None	91	29	20.1	122	0	0.16	10
	405	31	None	None	None	72	40	19.1	113	0	0.16	15
	406	31	None	None	None	68	50	17.2	117	0	0.16	16
	407	31	None	None	None	57	25	12.7	106	0	0.16	12
	408	31	None	None	None	64	30	16.6	129	0	0.19	13
	409	31	None	None	None	56	17	10.8	159	0	0.13	14
	410	31	None	None	None	57	24	13.0	110	0	0.15	12
	411	31	None	None	None	62	29	14.6	118	0	0.15	11
	412	31	None	None	None	119	68	38.1	129	6	0.16	14

Individual Animal Clinical Pathology Data

Group Sex	Animal Number	Day Number	CREA mg/dL	CHOL mg/dL	TRIG mg/dL	GLUC mg/dL	TP g/dL	ALB g/dL	GLOB g/dL	CALC mg/dL	IPHS mg/dL
1m	101	31	0.36	50	97	97	6.3	3.4	2.9	10.8	8.1
	102	31	0.34	49	47	99	6.1	3.5	2.6	10.8	7.8
	103	31	0.40	36	46	103	6.3	3.5	2.8	10.6	8.7
	104	31	0.33	36	53	109	5.9	3.3	2.6	10.5	7.7
	105	31	0.40	44	44	95	6.4	3.4	3.0	10.5	6.6
	106	31	0.39	100	115	120	6.2	3.3	2.9	10.9	8.8
	107	31	0.31	48	43	122	6.5	3.6	2.9	11.2	8.3
	108	31	0.33	54	68	108	6.0	3.6	2.4	10.7	7.5
	109	31	0.32	55	50	92	6.0	3.3	2.7	10.9	7.9
	110	31	0.33	35	35	105	5.7	3.3	2.4	10.2	6.8
	111	31	0.33	32	38	94	5.8	3.2	2.6	10.3	7.1
	112	31	0.37	58	126	173	5.7	3.2	2.5	10.9	9.0
2m	201	31	0.36	56	38	102	6.4	3.5	2.9	11.0	7.5
	202	31	0.39	74	48	92	6.6	3.7	2.9	10.8	7.0
	203	31	0.39	46	32	94	6.2	3.4	2.8	10.4	7.3
	204	31	0.40	32	39	102	6.2	3.4	2.8	10.4	8.4
	205	31	0.33	49	99	120	5.9	3.3	2.6	10.8	7.1
	206	31	0.35	41	35	97	6.0	3.3	2.7	10.0	7.5
	207	31	0.36	56	34	83	6.3	3.7	2.6	10.6	8.2
	208	31	0.33	39	28	78	6.1	3.4	2.7	10.7	7.9
	209	31	0.33	32	23	89	6.2	3.4	2.8	10.4	7.0
	210	31	0.33	38	47	107	5.9	3.4	2.5	10.8	8.0
	211	31	0.36	37	62	103	5.9	3.3	2.6	10.5	8.0
	212	31	0.41	61	49	155	6.0	3.3	2.7	10.2	7.0
3m	301	31	0.39	52	42	97	6.2	3.4	2.8	11.2	8.5
	302	31	0.36	48	45	98	6.3	3.4	2.9	10.6	7.1
	303	31	0.40	44	47	94	6.3	3.4	2.9	10.8	7.6
	304	31	0.41	58	36	100	6.0	3.2	2.8	10.2	7.3
	305	31	0.36	63	47	115	6.1	3.4	2.7	10.4	7.3
	306	31	0.38	53	60	94	6.1	3.3	2.8	10.4	8.0
	307	31	0.38	59	33	79	6.4	3.6	2.8	10.9	7.8
	308	31	0.33	40	38	93	6.1	3.4	2.7	10.5	7.6
	309	31	0.41	86	37	99	6.1	3.2	2.9	10.7	7.3
	310	31	0.33	52	78	117	6.1	3.3	2.8	10.8	7.9
	311	31	0.35	47	27	99	6.0	3.4	2.6	10.2	6.6
	312	31	0.34	69	41	96	5.5	3.1	2.4	9.8	7.7

Individual Animal Clinical Pathology Data

Group	Animal	Day	CREA	CHOL	TRIG	GLUC	TP	ALB	GLOB	CALC	IPHS
Sex	Number	Number	mg/dL	mg/dL	mg/dL	mg/dL	g/dL	g/dL	g/dL	mg/dL	mg/dL
4m	401	31	0.37	73	43	97	6.5	3.7	2.8	11.1	7.2
	402	31	0.40	39	22	90	6.1	3.3	2.8	10.5	8.2
	403	31	0.36	44	34	83	6.2	3.4	2.8	10.6	7.8
	404	31	0.29	57	47	87	5.6	3.2	2.4	10.4	8.3
	405	31	0.34	50	34	88	5.9	3.2	2.7	10.5	8.1
	406	31	0.33	35	27	89	6.0	3.3	2.7	10.8	7.7
	407	31	0.32	74	69	93	6.5	3.6	2.9	11.3	7.6
	408	31	0.36	63	40	84	6.3	3.5	2.8	11.0	8.0
	409	31	0.31	56	53	109	6.4	3.6	2.8	11.0	7.7
	410	31	0.32	55	45	92	6.0	3.3	2.7	10.7	7.5
	411	31	0.31	56	37	94	6.2	3.3	2.9	10.5	7.0
	412	31	0.33	65	44	102	6.6	3.5	3.1	11.3	7.9

Individual Animal Clinical Pathology Data

Group	Animal	Day	NA	K	CL	A/G
Sex	Number	Number	mmol/L	mmol/L	mmol/L	
1m	101	31	146.7	5.86	96.6	1.2
	102	31	148.8	5.69	97.8	1.3
	103	31	144.5	5.46	102.4	1.3
	104	31	145.8	5.95	100.3	1.3
	105	31	147.7	5.76	99.9	1.1
	106	31	144.8	6.47	101.7	1.1
	107	31	148.9	6.20	97.0	1.2
	108	31	148.3	5.44	99.5	1.5
	109	31	148.3	5.59	99.0	1.2
	110	31	147.9	5.22	103.9	1.4
	111	31	147.6	5.51	103.3	1.2
	112	31	146.0	5.72	103.9	1.3
2m	201	31	148.9	6.01	96.8	1.2
	202	31	145.5	6.06	99.3	1.3
	203	31	148.2	5.74	101.9	1.2
	204	31	146.4	5.50	102.7	1.2
	205	31	145.8	5.77	99.7	1.3
	206	31	145.5	5.85	103.8	1.2
	207	31	150.3	5.84	98.5	1.4
	208	31	146.5	5.50	99.5	1.3
	209	31	145.5	5.32	102.7	1.2
	210	31	145.2	5.73	100.5	1.4
	211	31	144.2	6.20	103.0	1.3
	212	31	146.4	5.21	101.1	1.2
3m	301	31	146.8	6.03	98.3	1.2
	302	31	147.0	5.32	98.3	1.2
	303	31	146.2	5.49	97.3	1.2
	304	31	146.0	5.37	101.3	1.1
	305	31	148.0	5.03	102.8	1.3
	306	31	145.9	6.09	101.8	1.2
	307	31	145.8	6.15	94.6	1.3
	308	31	145.1	5.99	103.2	1.3
	309	31	144.5	5.64	101.9	1.1
	310	31	146.2	5.91	101.7	1.2
	311	31	144.8	5.73	100.2	1.3
	312	31	146.5	5.53	103.0	1.3

Individual Animal Clinical Pathology Data

Group	Animal	Day	NA	K	CL	A/G
Sex	Number	Number	mmol/L	mmol/L	mmol/L	
4m	401	31	149.0	5.78	95.9	1.3
	402	31	146.5	5.65	99.6	1.2
	403	31	147.2	5.61	98.5	1.2
	404	31	144.2	5.92	100.0	1.3
	405	31	146.7	5.67	100.5	1.2
	406	31	145.7	5.96	100.9	1.2
	407	31	147.6	5.38	97.2	1.2
	408	31	145.4	6.23	97.0	1.3
	409	31	145.5	5.33	98.9	1.3
	410	31	148.4	5.53	101.3	1.2
	411	31	142.8	5.09	98.3	1.1
	412	31	145.8	5.75	101.0	1.1

Individual Animal Clinical Pathology Data

Group	Animal	Day	HEM	LIP	ICT	AST	ALT	SDH	ALKP	GGT	BILI	BUN
Sex	Number	Number				U/L	U/L	U/L	U/L	U/L	mg/dL	mg/dL
1f	113	32	None	None	None	67	22	14.9	157	0	0.17	15
	114	32	None	None	None	57	18	12.4	87	0	0.19	20
	115	32	None	None	None	67	25	14.9	93	0	0.19	17
	116	32	None	None	None	71	26	17.5	66	0	0.16	12
	117	32	None	None	None	65	23	14.6	77	0	0.18	14
	118	32	None	None	None	60	16	12.2	81	0	0.16	14
	119	32	None	None	None	53	19	14.4	58	0	0.16	14
	120	32	None	None	None	74	31	18.7	85	0	0.20	16
	121	32	None	None	None	71	24	15.3	82	0	0.16	13
	122	32	None	None	None	60	27	14.7	69	0	0.20	13
	123	32	None	None	None	58	20	14.6	66	0	0.19	13
	124	32	None	None	None	60	26	12.0	103	0	0.16	14
	213	32	None	None	None	64	25	16.9	67	0	0.22	19
	214	32	None	None	None	78	23	21.0	80	0	0.15	14
2f	215	32	None	None	None	64	21	19.1	108	0	0.17	14
	216	32	None	None	None	67	22	15.0	79	0	0.18	15
	217	32	None	None	None	78	24	25.9	83	0	0.16	16
	218	32	None	None	None	77	23	15.1	62	0	0.17	13
	219	32	None	None	None	60	24	15.5	86	0	0.19	18
	220	32	None	None	None	66	31	17.5	64	0	0.21	15
	221	32	None	None	None	66	23	15.6	112	0	0.21	16
	222	32	None	None	None	53	16	15.4	109	0	0.21	13
	223	32	None	None	None	73	19	17.6	61	0	0.19	14
	224	32	None	None	None	72	28	14.8	72	0	0.20	18
	313	32	None	None	None	67	30	19.3	80	0	0.18	17
	314	32	None	None	None	67	22	14.6	53	0	0.16	14
	315	32	None	None	None	61	18	13.8	70	0	0.18	15
	316	32	None	None	None	57	21	14.8	64	0	0.17	15
3f	317	32	None	None	None	93	23	4.8	66	0	0.18	19
	318	32	None	None	None	70	27	17.8	96	0	0.20	16
	319	32	None	None	None	62	21	16.6	102	0	0.16	15
	320	32	None	None	None	46	19	14.2	85	0	0.22	13
	321	32	None	None	None	104	55	26.0	51	0	0.19	15
	322	32	None	None	None	53	16	10.2	83	0	0.17	16
	323	32	None	None	None	92	40	17.5	89	0	0.18	13
	324	32	None	None	None	62	23	10.8	90	0	0.19	16

Individual Animal Clinical Pathology Data

Group	Animal	Day	HEM	LIP	ICT	AST	ALT	SDH	ALKP	GGT	BILI	BUN
Sex	Number	Number				U/L	U/L	U/L	U/L	U/L	mg/dL	mg/dL
4f	413	32	None	None	None	60	22	13.5	92	0	0.16	13
	414	32	None	None	None	55	33	14.6	101	0	0.16	17
	415	32	None	None	None	70	25	15.9	76	0	0.17	14
	416	32	None	None	None	63	25	16.3	90	0	0.22	19
	417	32	None	None	None	57	32	11.9	86	0	0.20	15
	418	32	None	None	None	57	27	14.8	77	0	0.20	13
	419	32	None	None	None	49	23	14.3	66	0	0.21	13
	420	32	None	None	None	57	24	14.3	90	0	0.22	16
	421	32	None	None	None	52	25	12.1	58	0	0.17	15
	422	32	None	None	None	50	18	11.0	38	0	0.16	14
	423	32	None	None	None	63	17	13.1	68	0	0.16	14
	424	32	None	None	None	55	23	13.6	94	0	0.20	12

Individual Animal Clinical Pathology Data

Group Sex	Animal Number	Day Number	CREA mg/dL	CHOL mg/dL	TRIG mg/dL	GLUC mg/dL	TP g/dL	ALB g/dL	GLOB g/dL	CALC mg/dL	IPHS mg/dL
1f	113	32	0.39	66	27	96	6.5	3.7	2.8	11.3	8.2
	114	32	0.44	62	28	95	6.6	3.7	2.9	11.1	6.9
	115	32	0.31	84	28	94	6.1	3.5	2.6	10.8	6.8
	116	32	0.38	52	31	96	6.5	3.5	3.0	10.5	7.0
	117	32	0.36	92	30	103	6.6	3.7	2.9	11.3	6.8
	118	32	0.36	71	36	92	6.6	3.6	3.0	11.0	6.7
	119	32	0.36	60	36	102	6.2	3.5	2.7	10.6	7.1
	120	32	0.41	88	46	95	7.4	4.1	3.3	11.3	6.6
	121	32	0.36	56	27	90	6.4	3.4	3.0	11.0	7.6
	122	32	0.38	86	42	89	7.1	3.9	3.2	11.4	6.0
	123	32	0.34	88	51	99	6.7	3.7	3.0	11.1	6.6
	124	32	0.37	86	34	107	6.3	3.7	2.6	11.5	7.4
	213	32	0.40	78	25	85	6.5	3.6	2.9	11.4	7.1
	214	32	0.38	57	35	90	6.4	3.7	2.7	11.2	7.0
2f	215	32	0.38	71	26	87	7.0	3.9	3.1	11.1	6.0
	216	32	0.37	82	34	96	6.4	3.5	2.9	11.1	7.5
	217	32	0.45	51	36	85	7.0	3.9	3.1	11.2	7.8
	218	32	0.38	61	28	103	6.6	3.6	3.0	10.6	6.5
	219	32	0.40	76	63	98	6.9	4.1	2.8	11.4	7.3
	220	32	0.41	80	58	103	7.3	4.2	3.1	11.4	5.7
	221	32	0.36	64	24	88	6.4	3.7	2.7	11.2	7.5
	222	32	0.40	90	40	101	7.0	4.0	3.0	11.5	7.9
	223	32	0.43	71	42	99	6.2	3.5	2.7	10.7	7.2
	224	32	0.43	88	51	97	6.5	3.7	2.8	10.8	6.8
	313	32	0.43	72	46	93	7.2	3.9	3.3	11.3	6.6
	314	32	0.32	85	30	96	6.7	3.8	2.9	11.4	7.4
	315	32	0.36	86	31	86	6.4	3.6	2.8	11.2	7.4
	316	32	0.36	67	33	93	6.8	3.8	3.0	11.0	6.6
3f	317	32	0.38	90	36	97	6.9	3.8	3.1	11.1	7.8
	318	32	0.39	82	34	97	6.4	3.6	2.8	10.8	7.8
	319	32	0.37	55	32	83	6.3	3.5	2.8	10.6	7.4
	320	32	0.38	124	101	103	7.7	4.5	3.2	11.8	5.9
	321	32	0.43	99	39	87	7.2	3.8	3.4	11.1	6.2
	322	32	0.35	86	34	94	6.2	3.5	2.7	11.2	7.2
	323	32	0.42	58	37	95	6.7	3.6	3.1	10.7	6.1
	324	32	0.39	60	42	93	6.3	3.5	2.8	10.9	6.6

Individual Animal Clinical Pathology Data

Group	Animal	Day	CREA	CHOL	TRIG	GLUC	TP	ALB	GLOB	CALC	IPHS
Sex	Number	Number	mg/dL	mg/dL	mg/dL	mg/dL	g/dL	g/dL	g/dL	mg/dL	mg/dL
4f	413	32	0.29	92	31	84	6.4	3.5	2.9	11.2	7.5
	414	32	0.36	87	41	87	6.5	3.6	2.9	11.2	6.3
	415	32	0.37	78	29	95	6.5	3.9	2.6	11.0	6.9
	416	32	0.43	102	42	85	6.9	3.8	3.1	11.0	6.1
	417	32	0.34	110	51	90	7.0	3.8	3.2	11.0	6.6
	418	32	0.34	122	52	89	6.9	3.8	3.1	11.0	6.5
	419	32	0.34	88	62	89	7.1	4.1	3.0	11.5	6.7
	420	32	0.33	118	52	83	6.8	3.8	3.0	11.4	6.5
	421	32	0.36	78	48	86	7.1	4.0	3.1	11.3	6.3
	422	32	0.36	104	49	89	6.5	3.6	2.9	11.1	7.1
	423	32	0.29	68	41	85	6.2	3.4	2.8	10.6	7.3
	424	32	0.33	123	37	102	6.6	3.5	3.1	11.2	7.4

Individual Animal Clinical Pathology Data

Group	Animal	Day	NA	K	CL	A/G
Sex	Number	Number	mmol/L	mmol/L	mmol/L	
1f	113	32	146.8	6.22	100.1	1.3
	114	32	142.6	5.50	98.9	1.3
	115	32	144.4	5.54	103.3	1.3
	116	32	144.3	5.18	101.1	1.2
	117	32	145.0	5.56	101.4	1.3
	118	32	143.6	5.05	102.5	1.2
	119	32	144.5	5.83	104.4	1.3
	120	32	144.9	5.33	99.0	1.2
	121	32	143.7	6.23	100.2	1.1
	122	32	141.9	5.74	101.3	1.2
	123	32	145.0	5.59	103.4	1.2
	124	32	142.8	5.51	102.6	1.4
2f	213	32	147.6	5.90	98.8	1.2
	214	32	146.3	5.94	100.9	1.4
	215	32	143.7	5.68	102.0	1.3
	216	32	143.4	5.56	98.4	1.2
	217	32	148.8	7.01	106.8	1.3
	218	32	142.5	5.44	101.1	1.2
	219	32	142.9	5.22	101.0	1.5
	220	32	146.6	5.11	104.0	1.4
	221	32	143.4	6.07	102.0	1.4
	222	32	143.0	5.84	99.7	1.3
	223	32	144.5	5.60	102.2	1.3
3f	313	32	144.2	5.84	99.3	1.2
	314	32	145.1	6.03	100.9	1.3
	315	32	144.3	5.99	101.0	1.3
	316	32	144.8	5.35	102.1	1.3
	317	32	144.4	6.35	104.1	1.2
	318	32	144.9	6.21	100.9	1.3
	319	32	144.4	6.08	105.9	1.3
	320	32	145.3	5.42	99.5	1.4
	321	32	144.4	5.26	101.0	1.1
	322	32	143.6	5.18	102.5	1.3
	323	32	144.5	5.86	102.4	1.2
	324	32	142.9	4.72	102.4	1.3

Individual Animal Clinical Pathology Data

Group	Animal	Day	NA	K	CL	A/G
Sex	Number	Number	mmol/L	mmol/L	mmol/L	
4f	413	32	145.0	5.72	101.7	1.2
	414	32	143.5	5.94	102.5	1.2
	415	32	145.6	5.02	104.4	1.5
	416	32	144.1	5.13	100.5	1.2
	417	32	144.9	5.73	98.1	1.2
	418	32	144.2	5.55	101.1	1.2
	419	32	147.9	5.52	99.3	1.4
	420	32	147.4	5.91	101.7	1.3
	421	32	144.6	5.53	101.8	1.3
	422	32	144.5	5.44	101.5	1.2
	423	32	144.8	5.91	102.3	1.2
	424	32	143.9	5.56	101.5	1.1

Individual Animal Clinical Pathology Data

Group Sex	Animal Number	Day Number	HEM	LIP	ICT	AST U/L	ALT U/L	SDH U/L	ALKP U/L	GGT U/L	BILI mg/dL	BUN mg/dL
1f	125	45	None	None	None	139	90	24.7	213	0	0.16	17
	126	45	None	None	None	88	109	11.6	240	0	0.19	19
	127	45	None	None	None	86	87	13.7	288	0	0.16	18
	128	42	None	None	None	94	101	15.2	206	0	0.17	21
	129	42	None	None	None	104	104	14.0	199	0	0.17	20
	130	45	None	None	None	216	156	33.8	154	0	0.25	21
	131	42	None	None	None	87	86	14.3	222	0	0.17	19
	132	42	None	None	None	86	99	12.3	245	0	0.14	23
	133	42	None	None	None	202	93	17.8	342	0	0.17	19
	134	42	None	None	None	93	89	14.7	633	0	0.20	26
	135	42	None	None	None	89	68	10.0	281	0	0.19	22
	136	45	None	None	None	118	116	23.4	492	0	0.17	17
2f	225	42	None	None	None	86	60	11.9	289	0	0.17	20
	226	42	None	None	None	131	117	20.9	542	0	0.18	21
	227	42	None	None	None	83	82	13.1	256	0	0.14	18
	228	42	None	None	None	105	79	13.9	223	0	0.17	22
	229	42	None	None	None	88	70	11.7	424	0	0.18	19
	230	45	None	None	None	90	90	16.7	474	0	0.21	19
	231	42	None	None	None	81	66	11.8	212	0	0.14	17
	232	42	None	None	None	110	92	16.3	255	0	0.13	20
	233	42	None	None	None	107	92	13.6	296	0	0.16	24
	234	42	None	None	None	86	84	13.9	300	0	0.16	22
	235	42	None	None	None	98	70	12.9	217	0	0.13	18
	236	42	None	None	None	98	86	13.2	631	0	0.20	20
3f	325	45	None	None	None	90	73	14.1	176	0	0.16	20
	326	42	None	None	None	95	109	11.4	228	0	0.14	24
	327	42	None	None	None	103	96	11.8	241	0	0.16	20
	328	42	None	None	None	76	56	9.6	415	0	0.16	17
	329	42	None	None	None	95	100	15.4	485	0	0.17	15
	330	45	None	None	None	105	90	16.4	306	0	0.15	17
	331	45	None	None	None	78	100	9.6	240	0	0.14	18
	332	42	None	None	None	240	166	36.1	486	0	0.17	18
	333	42	None	None	None	98	89	15.3	241	0	0.15	18
	334	45	None	None	None	96	112	13.0	513	0	0.19	21
	335	42	None	None	None	94	85	11.3	282	0	0.17	19
	336	42	None	None	None	93	81	12.7	177	0	0.17	19
4f	425	45	None	None	None	103	90	14.0	494	0	0.15	21

Individual Animal Clinical Pathology Data

Group	Animal	Day	HEM	LIP	ICT	AST	ALT	SDH	ALKP	GGT	BILI	BUN
Sex	Number	Number				U/L	U/L	U/L	U/L	U/L	mg/dL	mg/dL
4f	426	42	None	None	None	81	70	15.2	233	0	0.20	19
	427	42	None	None	None	101	130	9.7	286	0	0.14	21
	428	42	None	None	None	70	64	7.7	217	0	0.13	23
	429	42	None	None	None	78	105	11.3	176	0	0.15	16
	431	42	None	None	None	76	69	12.3	204	0	0.17	20
	432	45	None	None	None	90	106	14.9	148	0	0.16	23
	433	42	None	None	None	81	90	7.8	289	0	0.15	21
	434	42	None	None	None	100	65	17.1	220	0	0.14	22
	435	45	None	None	None	79	77	11.9	248	0	0.17	22
	436	45	None	None	None	85	96	11.3	468	0	0.18	19

Individual Animal Clinical Pathology Data

Group Sex	Animal Number	Day Number	CREA mg/dL	CHOL mg/dL	TRIG mg/dL	GLUC mg/dL	TP g/dL	ALB g/dL	GLOB g/dL	CALC mg/dL	IPHS mg/dL
1f	125	45	0.32	89	41	97	6.6	3.6	3.0	10.8	4.2
	126	45	0.41	71	73	101	6.3	3.4	2.9	10.3	3.7
	127	45	0.39	87	60	104	6.7	3.5	3.2	11.0	5.3
	128	42	0.37	97	58	95	6.6	3.6	3.0	10.9	5.6
	129	42	0.37	68	40	101	6.6	3.6	3.0	10.9	5.6
	130	45	0.40	78	63	102	6.8	3.6	3.2	11.2	4.7
	131	42	0.35	78	113	92	6.5	3.5	3.0	11.6	7.6
	132	42	0.45	66	71	108	6.8	3.6	3.2	11.2	6.4
	133	42	0.36	70	56	109	6.3	3.4	2.9	10.6	3.0
	134	42	0.41	80	43	89	7.1	3.7	3.4	10.8	6.3
	135	42	0.39	71	53	82	6.7	3.4	3.3	11.0	5.6
	136	45	0.38	92	52	91	6.3	3.4	2.9	10.7	5.5
2f	225	42	0.42	65	50	115	6.7	3.5	3.2	10.7	6.3
	226	42	0.41	74	51	96	7.1	3.8	3.3	11.0	6.0
	227	42	0.36	88	51	95	6.2	3.2	3.0	10.5	5.1
	228	42	0.41	81	65	91	7.2	3.9	3.3	11.5	6.0
	229	42	0.41	109	55	98	6.6	3.4	3.2	10.9	5.7
	230	45	0.39	93	60	105	6.9	3.7	3.2	11.2	6.8
	231	42	0.41	72	50	91	6.8	3.5	3.3	11.0	5.5
	232	42	0.41	62	63	90	7.0	3.5	3.5	10.9	4.5
	233	42	0.40	84	52	86	6.7	3.5	3.2	11.1	6.6
	234	42	0.41	78	69	139	6.3	3.2	3.1	11.3	7.6
	235	42	0.37	83	54	106	6.9	3.7	3.2	11.1	5.9
	236	42	0.37	81	65	101	6.3	3.4	2.9	10.3	5.0
3f	325	45	0.42	64	67	114	6.9	3.5	3.4	11.0	5.1
	326	42	0.41	80	58	108	6.4	3.3	3.1	11.0	6.3
	327	42	0.37	85	51	109	6.6	3.5	3.1	10.7	5.3
	328	42	0.35	77	32	112	6.5	3.4	3.1	10.9	5.7
	329	42	0.44	106	43	104	6.7	3.6	3.1	10.7	5.5
	330	45	0.39	75	79	100	6.3	3.5	2.8	10.4	4.3
	331	45	0.41	66	62	102	6.7	3.5	3.2	10.9	4.8
	332	42	0.37	94	57	110	7.2	3.8	3.4	11.3	5.6
	333	42	0.44	94	68	149	6.6	3.5	3.1	11.8	9.8
	334	45	0.39	72	90	97	6.6	3.5	3.1	11.2	6.8
	335	42	0.40	90	47	93	6.8	3.4	3.4	10.7	4.1
	336	42	0.34	78	107	106	6.3	3.3	3.0	10.9	7.8
4f	425	45	0.40	88	67	123	6.8	3.3	3.5	10.5	4.6

Individual Animal Clinical Pathology Data

Group	Animal	Day	CREA	CHOL	TRIG	GLUC	TP	ALB	GLOB	CALC	IPHS
Sex	Number	Number	mg/dL	mg/dL	mg/dL	mg/dL	g/dL	g/dL	g/dL	mg/dL	mg/dL
4f	426	42	0.38	74	53	102	6.7	3.5	3.2	11.3	8.8
	427	42	0.39	66	55	100	6.6	3.4	3.2	10.9	5.3
	428	42	0.38	103	63	107	7.2	3.6	3.6	11.4	4.3
	429	42	0.41	85	59	102	6.3	3.2	3.1	11.0	6.4
	431	42	0.44	96	112	104	7.0	3.8	3.2	11.8	9.1
	432	45	0.42	90	80	95	6.9	3.6	3.3	11.5	6.3
	433	42	0.33	77	40	111	6.0	3.2	2.8	10.4	5.2
	434	42	0.38	94	79	108	7.0	3.7	3.3	11.7	8.3
	435	45	0.36	94	54	102	6.4	3.4	3.0	10.6	5.5
	436	45	0.36	62	70	96	6.4	3.5	2.9	10.6	4.7

Individual Animal Clinical Pathology Data

Group	Animal	Day	NA	K	CL	A/G
Sex	Number	Number	mmol/L	mmol/L	mmol/L	
1f	125	45	139.8	5.23	98.0	1.2
	126	45	147.1	5.62	104.0	1.2
	127	45	147.9	6.11	101.6	1.1
	128	42	148.8	6.13	102.8	1.2
	129	42	149.9	5.58	104.8	1.2
	130	45	149.4	6.38	103.6	1.1
	131	42	151.1	6.22	101.4	1.2
	132	42	146.4	6.15	103.1	1.1
	133	42	148.4	5.34	103.2	1.2
	134	42	153.4	6.63	104.3	1.1
	135	42	148.7	5.40	101.6	1.0
	136	45	147.1	6.24	100.7	1.2
2f	225	42	146.8	5.91	102.2	1.1
	226	42	149.0	6.63	101.2	1.2
	227	42	149.7	5.21	105.3	1.1
	228	42	150.5	5.71	104.0	1.2
	229	42	147.1	5.67	102.7	1.1
	230	45	144.0	5.54	97.7	1.2
	231	42	148.0	5.35	106.6	1.1
	232	42	147.8	6.52	104.3	1.0
	233	42	150.6	5.01	105.4	1.1
	234	42	147.4	6.14	105.4	1.0
	235	42	152.2	4.85	103.4	1.2
3f	325	42	150.5	5.57	106.5	1.2
	326	45	145.8	5.89	105.0	1.0
	327	42	150.1	5.27	105.4	1.1
	328	42	148.6	5.71	108.5	1.1
	329	42	147.2	5.47	102.8	1.1
	330	42	151.7	5.25	102.0	1.2
	331	45	146.8	5.40	105.9	1.3
	332	45	147.4	5.55	101.7	1.1
	333	42	147.1	5.36	101.6	1.1
	334	42	148.6	6.81	107.5	1.1
	335	45	145.8	5.86	102.1	1.1
4f	336	42	149.3	5.24	106.2	1.0
	425	42	152.1	6.13	104.0	1.1
		45	148.2	5.28	101.4	0.9

Individual Animal Clinical Pathology Data

Group	Animal	Day	NA	K	CL	A/G
Sex	Number	Number	mmol/L	mmol/L	mmol/L	
4f	426	42	148.6	6.72	98.7	1.1
	427	42	148.3	5.09	102.1	1.1
	428	42	150.7	5.09	104.4	1.0
	429	42	149.8	5.64	103.0	1.0
	431	42	146.2	5.75	98.9	1.2
	432	45	148.0	6.03	103.8	1.1
	433	42	151.4	5.18	106.6	1.1
	434	42	149.0	6.25	105.5	1.1
	435	45	148.6	5.73	104.5	1.1
	436	45	149.6	5.18	104.0	1.2