

Experiment Number: 05199-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:40:15

First Dose M/F: NA / NA

Lab: NA

C Number: C62135

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0001_03	0 ppm	Week : 13	3.6	137	31	7
0002_03	0 ppm	Week : 13	3.9	144	36	18
0003_03	0 ppm	Week : 13	3.6	140	30	8
0004_03	0 ppm	Week : 13	3.4	142	37	12
0005_03	0 ppm	Week : 13	3.8	137	31	8
0006_03	0 ppm	Week : 13	3.7	135	35	36
0007_03	0 ppm	Week : 13	3.7	136	34	16
0008_03	0 ppm	Week : 13	3.7	132	36	9
0009_03	0 ppm	Week : 13	3.4	126	31	50
0010_03	0 ppm	Week : 13	3.5	150	38	8
0011_03	750 ppm	Week : 13	3.6	117	42	36
0012_03	750 ppm	Week : 13	3.8	130	33	24
0013_03	750 ppm	Week : 13	3.7	142	31	34
0014_03	750 ppm	Week : 13	3.7	133	38	28
0015_03	750 ppm	Week : 13	3.4	136	27	17
0016_03	750 ppm	Week : 13	3.5	133	36	9
0017_03	750 ppm	Week : 13	3.2	118	29	10
0018_03	750 ppm	Week : 13	3.2	129	31	18
0019_03	750 ppm	Week : 13	3.6	132	34	8
0020_03	750 ppm	Week : 13	3.6	135	30	10
0021_03	1500 ppm	Week : 13	3.3	104	27	16
0022_03	1500 ppm	Week : 13	3.5	130	41	10

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Species/Strain: Rat/Fischer 344

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0023_03	1500 ppm	Week : 13	3.6	142	33	21
0024_03	1500 ppm	Week : 13	3.6	142	35	14
0025_03	1500 ppm	Week : 13	3.6	129	35	8
0026_03	1500 ppm	Week : 13	3.3	144	35	14
0027_03	1500 ppm	Week : 13	3.6	140	30	9
0028_03	1500 ppm	Week : 13	3.6	134	34	10
0029_03	1500 ppm	Week : 13	3.5	125	29	8
0030_03	1500 ppm	Week : 13	3.6	158	34	7
0031_03	3000 ppm	Week : 13	3.6	180	39	29
0032_03	3000 ppm	Week : 13	3.5	121	31	11
0033_03	3000 ppm	Week : 13	3.4	121	33	13
0034_03	3000 ppm	Week : 13	3.5	152	38	45
0035_03	3000 ppm	Week : 13	3.4	134	38	29
0036_03	3000 ppm	Week : 13	3.9	130	37	11
0037_03	3000 ppm	Week : 13	3.5	143	32	8
0038_03	3000 ppm	Week : 13	3.6	166	34	9
0039_03	3000 ppm	Week : 13	3.6	181	35	14
0040_03	3000 ppm	Week : 13	3.4	192	42	16
0041_03	4500 ppm	Week : 13	3	79	31	19
0042_03	4500 ppm	Week : 13	2.5	99	31	13
0361_03	0 ppm	Week : 1	3.3	401	29	9
0362_03	0 ppm	Week : 1	3.3	457	33	12

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0362_03	0 ppm	Week : 1	3.3	457	33	12
0363_03	0 ppm	Week : 1	3.5	462	31	8
0364_03	0 ppm	Week : 1	3.2	436	43	9
0365_03	0 ppm	Week : 1	3.6	475	44	9
0366_03	0 ppm	Week : 1	3.4	421	31	12
0367_03	0 ppm	Week : 1	3.3	416	35	8
0368_03	0 ppm	Week : 1	3.4	460	27	11
0369_03	0 ppm	Week : 1	3.5	459	39	16
0370_03	0 ppm	Week : 1	3.6	431	27	7
0371_03	0 ppm	Week : 3	3.4	245	30	5
0372_03	0 ppm	Week : 3	3.8	263	32	7
0373_03	0 ppm	Week : 3	3.7	268	36	6
0374_03	0 ppm	Week : 3	3.7	293	36	13
0375_03	0 ppm	Week : 3	3.5	292	33	19
0376_03	0 ppm	Week : 3	3.8	248	36	11
0377_03	0 ppm	Week : 3	3.8	277	35	5
0378_03	0 ppm	Week : 3	3.8	280	37	5
0379_03	0 ppm	Week : 3	3.6	266	30	7
0380_03	0 ppm	Week : 3	3.9	275	43	15
0381_03	750 ppm	Week : 1	3.3	395	28	12
0382_03	750 ppm	Week : 1	3.6	360	34	9
0383_03	750 ppm	Week : 1	3.5	438	33	20

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0384_03	750 ppm	Week : 1	3	435	34	15
0385_03	750 ppm	Week : 1	3.2	393	32	14
0386_03	750 ppm	Week : 1	3.1	402	33	14
0387_03	750 ppm	Week : 1	3.5	382	41	11
0388_03	750 ppm	Week : 1	3.9	452	51	11
0389_03	750 ppm	Week : 1	3.5	365	33	19
0390_03	750 ppm	Week : 1	3.5	389	39	12
0391_03	750 ppm	Week : 3	3.6	286	29	6
0392_03	750 ppm	Week : 3	3.4	316	35	9
0393_03	750 ppm	Week : 3	3.4	238	31	12
0394_03	750 ppm	Week : 3	3.6	293	31	110*
0395_03	750 ppm	Week : 3	3.7	292	30	17
0396_03	750 ppm	Week : 3	3.6	244	30	14
0397_03	750 ppm	Week : 3	3.6	283	29	14
0398_03	750 ppm	Week : 3	3.4	251	29	8
0399_03	750 ppm	Week : 3	3.2	272	36	16
0400_03	750 ppm	Week : 3	3.7	338	39	7
0401_03	1500 ppm	Week : 1	3.2	386	29	12
0402_03	1500 ppm	Week : 1	3	334	32	12
0403_03	1500 ppm	Week : 1	3.6	434	33	49
0404_03	1500 ppm	Week : 1	3.4	326	28	9
0405_03	1500 ppm	Week : 1	3	344	31	13

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0405_03	1500 ppm	Week : 1	3	344	31	13
0406_03	1500 ppm	Week : 1	3.5	366	32	9
0407_03	1500 ppm	Week : 1	3.3	342	33	17
0408_03	1500 ppm	Week : 1	3.5	353	35	13
0409_03	1500 ppm	Week : 1	3.4	385	31	12
0410_03	1500 ppm	Week : 1	3.2	365	36	7
0411_03	1500 ppm	Week : 3	3.5	242	30	13
0412_03	1500 ppm	Week : 3	3.9	280	35	14
0413_03	1500 ppm	Week : 3	3.5	213	34	21
0414_03	1500 ppm	Week : 3	3.5	270	32	6
0415_03	1500 ppm	Week : 3	3.4	249	30	49
0416_03	1500 ppm	Week : 3	3.5	234	35	36
0417_03	1500 ppm	Week : 3	3.7	212	32	40
0418_03	1500 ppm	Week : 3	3.4	201	35	7
0419_03	1500 ppm	Week : 3	3.6	245	34	31
0420_03	1500 ppm	Week : 3	3.6	235	30	18
0421_03	3000 ppm	Week : 1	3.4	321	34	10
0422_03	3000 ppm	Week : 1	3.6	400	34	20
0423_03	3000 ppm	Week : 1	3.3	352	28	29
0424_03	3000 ppm	Week : 1	3.1	240	33	12
0425_03	3000 ppm	Week : 1	3.2	263	39	15
0426_03	3000 ppm	Week : 1	3.1	320	39	11

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0427_03	3000 ppm	Week : 1	3.1	308	30	8
0428_03	3000 ppm	Week : 1	3	340	36	15
0429_03	3000 ppm	Week : 1	3.2	328	32	14
0430_03	3000 ppm	Week : 1	3.2	338	34	11
0431_03	3000 ppm	Week : 3	3.7	157	26	55
0432_03	3000 ppm	Week : 3	3.1	110	25	24
0433_03	3000 ppm	Week : 3	3.3	145	28	19
0434_03	3000 ppm	Week : 3	3.3	126	32	19
0435_03	3000 ppm	Week : 3	3.1	156	26	31
0436_03	3000 ppm	Week : 3	3.2	133	25	24
0437_03	3000 ppm	Week : 3	3.3	125	29	23
0438_03	3000 ppm	Week : 3	3.3	133	27	89
0439_03	3000 ppm	Week : 3	3.1	150	27	20
0441_03	4500 ppm	Week : 1	3.1	296	37	59
0442_03	4500 ppm	Week : 1	3.1	361	31	17
0443_03	4500 ppm	Week : 1	3.4	173	48	12
0444_03	4500 ppm	Week : 1	3.2	354	40	37
0445_03	4500 ppm	Week : 1	3.5	343	32	33
0446_03	4500 ppm	Week : 1	3.1	302	34	14
0447_03	4500 ppm	Week : 1	3.2	384	32	13
0448_03	4500 ppm	Week : 1	3	324	35	13
0449_03	4500 ppm	Week : 1	3.5	300	31	14

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0449_03	4500 ppm	Week : 1	3.5	300	31	14
0450_03	4500 ppm	Week : 1	3.3	337	48	41
0461_03	6000 ppm	Week : 1	3.4	343	41	20
0462_03	6000 ppm	Week : 1	2.9	288	34	14
0463_03	6000 ppm	Week : 1	3	287	25	19
0464_03	6000 ppm	Week : 1	3.2	321	32	14
0465_03	6000 ppm	Week : 1	3.2	313	30	17
0466_03	6000 ppm	Week : 1	2.1	331	34	14
0467_03	6000 ppm	Week : 1	3.1	334	26	19
0468_03	6000 ppm	Week : 1	2.9	299	30	15
0469_03	6000 ppm	Week : 1	3.4	305	30	17
0470_03	6000 ppm	Week : 1	2.8	256	27	19

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0001_03	0 ppm	Week : 13	21	66	0.6	6.7
0002_03	0 ppm	Week : 13	18	111	0.6	6.9
0003_03	0 ppm	Week : 13	19	76	0.5	6.5
0004_03	0 ppm	Week : 13	20	100	0.6	6.2
0005_03	0 ppm	Week : 13	19	68	0.5	6.9
0006_03	0 ppm	Week : 13	15	49	0.5	6.8
0007_03	0 ppm	Week : 13	15	90	0.7	6.5
0008_03	0 ppm	Week : 13	12	140	0.6	6.6
0009_03	0 ppm	Week : 13	17	57	0.5	6.2
0010_03	0 ppm	Week : 13	11	30	0.4	6.4
0011_03	750 ppm	Week : 13	22	165	0.5	6.5
0012_03	750 ppm	Week : 13	19	149	0.6	7
0013_03	750 ppm	Week : 13	19	112	0.5	6.6
0014_03	750 ppm	Week : 13	12	200	0.6	6.7
0015_03	750 ppm	Week : 13	20	37	0.4	6.2
0016_03	750 ppm	Week : 13	17	107	0.5	6.6
0017_03	750 ppm	Week : 13	18	135	0.5	6
0018_03	750 ppm	Week : 13	16	127	0.4	6
0019_03	750 ppm	Week : 13	20	340	0.5	6.3
0020_03	750 ppm	Week : 13	16	55	0.5	6.5
0021_03	1500 ppm	Week : 13	24	61	0.5	5.8
0022_03	1500 ppm	Week : 13	26	172	0.5	6.4

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0023_03	1500 ppm	Week : 13	28	115	0.5	6
0024_03	1500 ppm	Week : 13	20	107	0.5	6.4
0025_03	1500 ppm	Week : 13	23	225	0.5	6.3
0026_03	1500 ppm	Week : 13	13	110	0.4	6.2
0027_03	1500 ppm	Week : 13	15	153	0.5	6.1
0028_03	1500 ppm	Week : 13	18	210	0.5	6.5
0029_03	1500 ppm	Week : 13	18	61	0.5	6.1
0030_03	1500 ppm	Week : 13	15	116	0.5	6.3
0031_03	3000 ppm	Week : 13	19	101	0.6	6.2
0032_03	3000 ppm	Week : 13	21	37	0.5	6.1
0033_03	3000 ppm	Week : 13	14	73	0.5	5.9
0034_03	3000 ppm	Week : 13	19	140	0.6	6.4
0035_03	3000 ppm	Week : 13	17	99	0.4	5.9
0036_03	3000 ppm	Week : 13	18	105	0.5	6.3
0037_03	3000 ppm	Week : 13	15	72	0.5	6.1
0038_03	3000 ppm	Week : 13	15	118	0.5	6.2
0039_03	3000 ppm	Week : 13	16	80	0.4	5.6
0040_03	3000 ppm	Week : 13	15	46	0.4	5.7
0041_03	4500 ppm	Week : 13	20	65	0.3	5.1
0042_03	4500 ppm	Week : 13	49	112	0.4	4.9
0361_03	0 ppm	Week : 1	18	190	0.5	6
0362_03	0 ppm	Week : 1	17	514	0.4	5.9

Experiment Number: 05199-03

P42: Clinical Chemistry Data

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Species/Strain: Rat/Fischer 344

Time Report Requested: 13:40:15

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0363_03	0 ppm	Week : 1	20	499	0.5	6.2
0364_03	0 ppm	Week : 1	19	300	0.5	6.2
0365_03	0 ppm	Week : 1	18	277	0.5	6.3
0366_03	0 ppm	Week : 1	16	495	0.4	5.9
0367_03	0 ppm	Week : 1	19	382	0.4	6.2
0368_03	0 ppm	Week : 1	17	398	0.4	6
0369_03	0 ppm	Week : 1	23	490	0.5	6
0370_03	0 ppm	Week : 1	19	575	0.4	6.2
0371_03	0 ppm	Week : 3	21	162	0.6	5.8
0372_03	0 ppm	Week : 3	23	118	0.6	6.1
0373_03	0 ppm	Week : 3	20	118	0.6	6.6
0374_03	0 ppm	Week : 3	20	67	0.6	6.2
0375_03	0 ppm	Week : 3	19	112	0.6	6
0376_03	0 ppm	Week : 3	20	301	0.6	6.4
0377_03	0 ppm	Week : 3	19	250	0.5	6.2
0378_03	0 ppm	Week : 3	20	129	0.6	6.6
0379_03	0 ppm	Week : 3	20	119	0.5	6.2
0380_03	0 ppm	Week : 3	22	636*	0.7	6.8
0381_03	750 ppm	Week : 1	17	410	0.4	5.8
0382_03	750 ppm	Week : 1	16	370	0.4	6.1
0383_03	750 ppm	Week : 1	19	495	0.4	6.1
0384_03	750 ppm	Week : 1	21	292	0.4	5.8

Experiment Number: 05199-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0385_03	750 ppm	Week : 1	24	327	0.4	5.8
0386_03	750 ppm	Week : 1	17	597	0.4	5.6
0387_03	750 ppm	Week : 1	22	287	0.4	5.8
0388_03	750 ppm	Week : 1	23	593	0.5	6.5
0389_03	750 ppm	Week : 1	22	211	0.4	5.7
0390_03	750 ppm	Week : 1	16	567	0.4	6
0391_03	750 ppm	Week : 3	19	163	0.6	6.6
0392_03	750 ppm	Week : 3	14	173	0.6	6
0393_03	750 ppm	Week : 3	20	230	0.5	6.1
0394_03	750 ppm	Week : 3	20	139	0.6	6.4
0395_03	750 ppm	Week : 3	20	206	0.6	6.2
0396_03	750 ppm	Week : 3	18	215	0.6	6.3
0397_03	750 ppm	Week : 3	19	149	0.6	6.2
0398_03	750 ppm	Week : 3	17	171	0.6	6.1
0399_03	750 ppm	Week : 3	18	232	0.6	6.1
0400_03	750 ppm	Week : 3	19	438	0.7	6.7
0401_03	1500 ppm	Week : 1	16	402	0.4	5.6
0402_03	1500 ppm	Week : 1	17	705	0.4	5.7
0403_03	1500 ppm	Week : 1	15	504	0.5	6.2
0404_03	1500 ppm	Week : 1	15	268	0.4	5.7
0405_03	1500 ppm	Week : 1	19	220	0.4	5.4
0406_03	1500 ppm	Week : 1	19	336	0.4	6

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Species/Strain: Rat/Fischer 344

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0407_03	1500 ppm	Week : 1	17	694	0.4	5.8
0408_03	1500 ppm	Week : 1	20	480	0.4	5.9
0409_03	1500 ppm	Week : 1	14	312	0.4	5.7
0410_03	1500 ppm	Week : 1	17	441	0.4	5.5
0411_03	1500 ppm	Week : 3	18	237	0.5	5.6
0412_03	1500 ppm	Week : 3	21	222	0.7	6.5
0413_03	1500 ppm	Week : 3	19	126	0.5	6.1
0414_03	1500 ppm	Week : 3	20	251	0.6	6.2
0415_03	1500 ppm	Week : 3	21	190	0.6	6
0416_03	1500 ppm	Week : 3	19	73	0.5	6
0417_03	1500 ppm	Week : 3	27	190	0.5	6.4
0418_03	1500 ppm	Week : 3	19	186	0.6	6.1
0419_03	1500 ppm	Week : 3	22	304	0.6	6.2
0420_03	1500 ppm	Week : 3	19	89	0.5	6.2
0421_03	3000 ppm	Week : 1	19	233	0.4	5.5
0422_03	3000 ppm	Week : 1	18	582	0.4	5.4
0423_03	3000 ppm	Week : 1	16	232	0.4	5.5
0424_03	3000 ppm	Week : 1	13	354	0.3	5.4
0425_03	3000 ppm	Week : 1	16	1719*	0.4	5.6
0426_03	3000 ppm	Week : 1	17	596	0.4	5.6
0427_03	3000 ppm	Week : 1	15	743	0.3	5.3
0428_03	3000 ppm	Week : 1	14	453	0.4	5.4

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Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:40:16

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0429_03	3000 ppm	Week : 1	17	354	0.4	5.6
0430_03	3000 ppm	Week : 1	15	281	0.4	5.3
0431_03	3000 ppm	Week : 3	24	51	0.5	5.7
0432_03	3000 ppm	Week : 3	19	85	0.5	5.5
0433_03	3000 ppm	Week : 3	22	65	0.5	5.5
0434_03	3000 ppm	Week : 3	19	169	0.5	5.5
0435_03	3000 ppm	Week : 3	19	125	0.5	5.6
0436_03	3000 ppm	Week : 3	18	79	0.5	5.6
0437_03	3000 ppm	Week : 3	20	66	0.5	5.8
0438_03	3000 ppm	Week : 3	25	85	0.5	5.5
0439_03	3000 ppm	Week : 3	24	109	0.5	5.7
0441_03	4500 ppm	Week : 1	16	547	0.4	5.4
0442_03	4500 ppm	Week : 1	17	178	0.4	5.4
0443_03	4500 ppm	Week : 1	17	526	0.5	5.9
0444_03	4500 ppm	Week : 1	19	294	0.3	5.6
0445_03	4500 ppm	Week : 1	21	312	0.4	5.6
0446_03	4500 ppm	Week : 1	18	418	0.3	5.5
0447_03	4500 ppm	Week : 1	18	486	0.4	5.4
0448_03	4500 ppm	Week : 1	16	434	0.4	5.5
0449_03	4500 ppm	Week : 1	23	362	0.4	5.5
0450_03	4500 ppm	Week : 1	17	389	0.4	5.9
0461_03	6000 ppm	Week : 1	11	243	0.4	5.7

Experiment Number: 05199-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:40:16

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0462_03	6000 ppm	Week : 1	19	349	0.3	5.1
0463_03	6000 ppm	Week : 1	18	384	0.3	5.1
0464_03	6000 ppm	Week : 1	19	241	0.4	5.6
0465_03	6000 ppm	Week : 1	16	325	0.3	5.2
0466_03	6000 ppm	Week : 1	20	191	0.5	5.5
0467_03	6000 ppm	Week : 1	16	247	0.4	5.3
0468_03	6000 ppm	Week : 1	15	311	0.3	4.9
0469_03	6000 ppm	Week : 1	19	249	0.3	5.6
0470_03	6000 ppm	Week : 1	21	504	0.4	5.5

Experiment Number: 05199-03

Species/Strain: Rat/Fischer 344

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Date Report Requested: 10/24/2014

Time Report Requested: 13:40:16

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0001_03	0 ppm	Week : 13	5
0002_03	0 ppm	Week : 13	5
0003_03	0 ppm	Week : 13	5
0004_03	0 ppm	Week : 13	6
0005_03	0 ppm	Week : 13	6
0006_03	0 ppm	Week : 13	6
0007_03	0 ppm	Week : 13	5
0008_03	0 ppm	Week : 13	4
0009_03	0 ppm	Week : 13	5
0010_03	0 ppm	Week : 13	7
0011_03	750 ppm	Week : 13	5
0012_03	750 ppm	Week : 13	3
0013_03	750 ppm	Week : 13	4
0014_03	750 ppm	Week : 13	4
0015_03	750 ppm	Week : 13	5
0016_03	750 ppm	Week : 13	5
0017_03	750 ppm	Week : 13	4
0018_03	750 ppm	Week : 13	5
0019_03	750 ppm	Week : 13	4
0020_03	750 ppm	Week : 13	6
0021_03	1500 ppm	Week : 13	4
0022_03	1500 ppm	Week : 13	5

Experiment Number: 05199-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:40:16

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0023_03	1500 ppm	Week : 13	4
0024_03	1500 ppm	Week : 13	4
0025_03	1500 ppm	Week : 13	4
0026_03	1500 ppm	Week : 13	4
0027_03	1500 ppm	Week : 13	3
0028_03	1500 ppm	Week : 13	3
0029_03	1500 ppm	Week : 13	5
0030_03	1500 ppm	Week : 13	4
0031_03	3000 ppm	Week : 13	5
0032_03	3000 ppm	Week : 13	6
0033_03	3000 ppm	Week : 13	5
0034_03	3000 ppm	Week : 13	4
0035_03	3000 ppm	Week : 13	4
0036_03	3000 ppm	Week : 13	4
0037_03	3000 ppm	Week : 13	5
0038_03	3000 ppm	Week : 13	3
0039_03	3000 ppm	Week : 13	4
0040_03	3000 ppm	Week : 13	5
0041_03	4500 ppm	Week : 13	3
0042_03	4500 ppm	Week : 13	4
0361_03	0 ppm	Week : 1	5
0362_03	0 ppm	Week : 1	5

Experiment Number: 05199-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:40:16

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0363_03	0 ppm	Week : 1	4
0364_03	0 ppm	Week : 1	4
0365_03	0 ppm	Week : 1	5
0366_03	0 ppm	Week : 1	4
0367_03	0 ppm	Week : 1	5
0368_03	0 ppm	Week : 1	5
0369_03	0 ppm	Week : 1	5
0370_03	0 ppm	Week : 1	4
0371_03	0 ppm	Week : 3	5
0372_03	0 ppm	Week : 3	5
0373_03	0 ppm	Week : 3	7
0374_03	0 ppm	Week : 3	8
0375_03	0 ppm	Week : 3	5
0376_03	0 ppm	Week : 3	4
0377_03	0 ppm	Week : 3	4
0378_03	0 ppm	Week : 3	5
0379_03	0 ppm	Week : 3	5
0380_03	0 ppm	Week : 3	3
0381_03	750 ppm	Week : 1	3
0382_03	750 ppm	Week : 1	4
0383_03	750 ppm	Week : 1	5
0384_03	750 ppm	Week : 1	5

Experiment Number: 05199-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:40:16

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0385_03	750 ppm	Week : 1	4
0386_03	750 ppm	Week : 1	5
0387_03	750 ppm	Week : 1	5
0388_03	750 ppm	Week : 1	4
0389_03	750 ppm	Week : 1	4
0390_03	750 ppm	Week : 1	6
0391_03	750 ppm	Week : 3	5
0392_03	750 ppm	Week : 3	5
0393_03	750 ppm	Week : 3	6
0394_03	750 ppm	Week : 3	6
0395_03	750 ppm	Week : 3	4
0396_03	750 ppm	Week : 3	5
0397_03	750 ppm	Week : 3	5
0398_03	750 ppm	Week : 3	4
0399_03	750 ppm	Week : 3	5
0400_03	750 ppm	Week : 3	5
0401_03	1500 ppm	Week : 1	4
0402_03	1500 ppm	Week : 1	4
0403_03	1500 ppm	Week : 1	5
0404_03	1500 ppm	Week : 1	4
0405_03	1500 ppm	Week : 1	4
0406_03	1500 ppm	Week : 1	4

Experiment Number: 05199-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:40:16

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0407_03	1500 ppm	Week : 1	4
0408_03	1500 ppm	Week : 1	4
0409_03	1500 ppm	Week : 1	5
0410_03	1500 ppm	Week : 1	4
0411_03	1500 ppm	Week : 3	4
0412_03	1500 ppm	Week : 3	7
0413_03	1500 ppm	Week : 3	6
0414_03	1500 ppm	Week : 3	6
0415_03	1500 ppm	Week : 3	5
0416_03	1500 ppm	Week : 3	9
0417_03	1500 ppm	Week : 3	5
0418_03	1500 ppm	Week : 3	5
0419_03	1500 ppm	Week : 3	5
0420_03	1500 ppm	Week : 3	7
0421_03	3000 ppm	Week : 1	4
0422_03	3000 ppm	Week : 1	4
0423_03	3000 ppm	Week : 1	5
0424_03	3000 ppm	Week : 1	3
0425_03	3000 ppm	Week : 1	3
0426_03	3000 ppm	Week : 1	4
0427_03	3000 ppm	Week : 1	4
0428_03	3000 ppm	Week : 1	4

Experiment Number: 05199-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:40:16

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0429_03	3000 ppm	Week : 1	4
0430_03	3000 ppm	Week : 1	4
0431_03	3000 ppm	Week : 3	7
0432_03	3000 ppm	Week : 3	7
0433_03	3000 ppm	Week : 3	7
0434_03	3000 ppm	Week : 3	6
0435_03	3000 ppm	Week : 3	6
0436_03	3000 ppm	Week : 3	7
0437_03	3000 ppm	Week : 3	8
0438_03	3000 ppm	Week : 3	7
0439_03	3000 ppm	Week : 3	6
0441_03	4500 ppm	Week : 1	4
0442_03	4500 ppm	Week : 1	5
0443_03	4500 ppm	Week : 1	3
0444_03	4500 ppm	Week : 1	4
0445_03	4500 ppm	Week : 1	3
0446_03	4500 ppm	Week : 1	4
0447_03	4500 ppm	Week : 1	4
0448_03	4500 ppm	Week : 1	5
0449_03	4500 ppm	Week : 1	3
0450_03	4500 ppm	Week : 1	5
0461_03	6000 ppm	Week : 1	4

Experiment Number: 05199-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:40:16

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0462_03	6000 ppm	Week : 1	3
0463_03	6000 ppm	Week : 1	3
0464_03	6000 ppm	Week : 1	3
0465_03	6000 ppm	Week : 1	3
0466_03	6000 ppm	Week : 1	4
0467_03	6000 ppm	Week : 1	4
0468_03	6000 ppm	Week : 1	3
0469_03	6000 ppm	Week : 1	2
0470_03	6000 ppm	Week : 1	3

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0061_03	0 ppm	Week : 13	3.4	178	33	32
0062_03	0 ppm	Week : 13	3.7	220	35	11
0063_03	0 ppm	Week : 13	3.7	189	32	9
0064_03	0 ppm	Week : 13	3.7	233	34	11
0065_03	0 ppm	Week : 13	3.7	228	35	29
0066_03	0 ppm	Week : 13	3.9	208	40	15
0067_03	0 ppm	Week : 13	4.3	187	55	31
0068_03	0 ppm	Week : 13	3.9	148	30	12
0069_03	0 ppm	Week : 13	3.9	146	36	48
0070_03	0 ppm	Week : 13	3.7	186	34	16
0071_03	750 ppm	Week : 13	3.8	150	33	21
0072_03	750 ppm	Week : 13	3.3	158	40	11
0073_03	750 ppm	Week : 13	3.4	157	32	20
0074_03	750 ppm	Week : 13	3.5	229	35	16
0075_03	750 ppm	Week : 13	3.4	183	30	21
0076_03	750 ppm	Week : 13	3.8	186	57	30
0077_03	750 ppm	Week : 13	3.7	159	34	43
0078_03	750 ppm	Week : 13	3.6	211	37	6
0079_03	750 ppm	Week : 13	3.9	114	28	12
0080_03	750 ppm	Week : 13	3.8	160	33	13
0081_03	1500 ppm	Week : 13	3.8	130	31	12
0082_03	1500 ppm	Week : 13	3.5	163	31	29

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0083_03	1500 ppm	Week : 13	3.5	165	39	15
0084_03	1500 ppm	Week : 13	3.7	118	31	13
0085_03	1500 ppm	Week : 13	3.6	141	33	11
0086_03	1500 ppm	Week : 13	3.6	119	28	15
0087_03	1500 ppm	Week : 13	3.7	151	34	11
0088_03	1500 ppm	Week : 13	3.7	169	34	39
0089_03	1500 ppm	Week : 13	3.5	247	47	35
0090_03	1500 ppm	Week : 13	3.6	168	29	18
0091_03	3000 ppm	Week : 13	4	81	34	19
0092_03	3000 ppm	Week : 13	3.5	200	58	34
0093_03	3000 ppm	Week : 13	3.5	180	51	16
0094_03	3000 ppm	Week : 13	3.5	194	56	12
0095_03	3000 ppm	Week : 13	3.4	164	56	19
0096_03	3000 ppm	Week : 13	3.6	123	35	19
0097_03	3000 ppm	Week : 13	3.5	170	99	46
0098_03	3000 ppm	Week : 13	3.3	107	28	20
0099_03	3000 ppm	Week : 13	4	189	62	20
0100_03	3000 ppm	Week : 13	3.4	143	35	14
0106_03	4500 ppm	Week : 13	3.7	123	32	13
0107_03	4500 ppm	Week : 13	3.4	167	36	46
0108_03	4500 ppm	Week : 13	3.6	151	39	55
0109_03	4500 ppm	Week : 13	3.4	127	29	10

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0109_03	4500 ppm	Week : 13	3.4	127	29	10
0110_03	4500 ppm	Week : 13	3.2	119	39	26
0481_03	0 ppm	Week : 1	3.3	308	23	
0482_03	0 ppm	Week : 1	3.3	320	23	
0483_03	0 ppm	Week : 1	3.3	338	30	
0484_03	0 ppm	Week : 1	3.3	328	27	6
0485_03	0 ppm	Week : 1	3.5	313	22	
0486_03	0 ppm	Week : 1	3.3	329	25	6
0487_03	0 ppm	Week : 1	3.5	355	23	8
0488_03	0 ppm	Week : 1	3.3	318	26	
0489_03	0 ppm	Week : 1	3.5	341	33	6
0490_03	0 ppm	Week : 1	3.3	376	26	5
0491_03	0 ppm	Week : 3	3.4	186	27	13
0492_03	0 ppm	Week : 3	3.3	188	38	9
0493_03	0 ppm	Week : 3	3.4	190	34	
0494_03	0 ppm	Week : 3	3.9	179	31	
0495_03	0 ppm	Week : 3	3.7	183	28	9
0496_03	0 ppm	Week : 3	4	175	30	7
0497_03	0 ppm	Week : 3	3.2	213	20	6
0498_03	0 ppm	Week : 3	3.8	211	39	11
0499_03	0 ppm	Week : 3	3.7	169	31	11
0500_03	0 ppm	Week : 3	3.6	187	35	28

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0501_03	750 ppm	Week : 1	3.3	301	26	5
0502_03	750 ppm	Week : 1	3.1	249	23	
0503_03	750 ppm	Week : 1	3.5	284	21	5
0504_03	750 ppm	Week : 1	3.4	291	21	9
0505_03	750 ppm	Week : 1	3.4	270	23	5
0506_03	750 ppm	Week : 1	3.7	330	24	56*
0507_03	750 ppm	Week : 1	3.2	283	25	5
0508_03	750 ppm	Week : 1	3.4	291	24	
0509_03	750 ppm	Week : 1	3.3	262	23	5
0510_03	750 ppm	Week : 1	3.3	285	22	5
0511_03	750 ppm	Week : 3	3.4	161	30	12
0512_03	750 ppm	Week : 3	3.6	145	29	18
0513_03	750 ppm	Week : 3	3.6	146	33	15
0514_03	750 ppm	Week : 3	3.5	160	27	19
0515_03	750 ppm	Week : 3	3.9	124	29	11
0516_03	750 ppm	Week : 3	3.5	215	28	55
0517_03	750 ppm	Week : 3	3.8	198	49	50
0518_03	750 ppm	Week : 3	3.5	177	27	18
0519_03	750 ppm	Week : 3	3.2	196	32	26
0520_03	750 ppm	Week : 3	3.4	230	23	6
0521_03	1500 ppm	Week : 1	3.3	270	23	7
0522_03	1500 ppm	Week : 1	3.2	283	25	8

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0522_03	1500 ppm	Week : 1	3.2	283	25	8
0523_03	1500 ppm	Week : 1	3.1	269	24	
0524_03	1500 ppm	Week : 1	3.2	265	21	7
0525_03	1500 ppm	Week : 1	2.9	236	24	6
0526_03	1500 ppm	Week : 1	3.2	291	21	10
0527_03	1500 ppm	Week : 1	3.3	242	25	6
0528_03	1500 ppm	Week : 1	3.1	233	21	
0529_03	1500 ppm	Week : 1	3.2	238	26	5
0530_03	1500 ppm	Week : 1	3.2	243	18	22
0531_03	1500 ppm	Week : 3	3.3	97	31	12
0532_03	1500 ppm	Week : 3	3.5	119	31	18
0533_03	1500 ppm	Week : 3	3.3	126	31	9
0534_03	1500 ppm	Week : 3	3.8	135	30	23
0535_03	1500 ppm	Week : 3	3.5	131	31	34
0536_03	1500 ppm	Week : 3	3.6	106	34	33
0537_03	1500 ppm	Week : 3	3.2	105	28	7
0538_03	1500 ppm	Week : 3	3.2	121	29	16
0539_03	1500 ppm	Week : 3	3.7	112	34	22
0540_03	1500 ppm	Week : 3	3.8	145	31	14
0541_03	3000 ppm	Week : 1	3.1	230	25	38
0542_03	3000 ppm	Week : 1	3.2	227	21	6
0543_03	3000 ppm	Week : 1	2.7	227	22	11

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0544_03	3000 ppm	Week : 1	3.1	253	23	13
0545_03	3000 ppm	Week : 1	3.1	266	27	34
0546_03	3000 ppm	Week : 1	2.9	267	18	10
0547_03	3000 ppm	Week : 1	3	259	21	17
0548_03	3000 ppm	Week : 1	3.3	239	24	26
0549_03	3000 ppm	Week : 1	3.2	283	22	28
0550_03	3000 ppm	Week : 1	3.5	254	25	44
0552_03	3000 ppm	Week : 3	3.4	98	34	36
0553_03	3000 ppm	Week : 3	3	87	27	15
0554_03	3000 ppm	Week : 3	3.1	84	26	47
0555_03	3000 ppm	Week : 3	3.3	73	26	15
0558_03	3000 ppm	Week : 3	3	83	33	46
0561_03	4500 ppm	Week : 1	2.7	152	35	
0562_03	4500 ppm	Week : 1	3.4	201	32	19
0563_03	4500 ppm	Week : 1	2.9	257	29	9
0564_03	4500 ppm	Week : 1	3	236	30	21
0565_03	4500 ppm	Week : 1	3	268	27	10
0566_03	4500 ppm	Week : 1	3.1	231	27	6
0567_03	4500 ppm	Week : 1	3.1	283	25	16
0568_03	4500 ppm	Week : 1	3	221	26	6
0569_03	4500 ppm	Week : 1	3.1	209	22	7
0570_03	4500 ppm	Week : 1	2.7	211	35	26

Experiment Number: 05199-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:40:16

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0570_03	4500 ppm	Week : 1	2.7	211	35	26
0581_03	6000 ppm	Week : 1	3.1	249	27	8
0582_03	6000 ppm	Week : 1	2.9	237	27	23
0583_03	6000 ppm	Week : 1	3	232	27	30
0584_03	6000 ppm	Week : 1	2.9	226	23	21
0585_03	6000 ppm	Week : 1	3	226	26	19
0586_03	6000 ppm	Week : 1	3.2	266	22	45
0587_03	6000 ppm	Week : 1	3.6	273	46	
0588_03	6000 ppm	Week : 1	3.2	275	21	20
0589_03	6000 ppm	Week : 1	3.2	246	21	19
0590_03	6000 ppm	Week : 1	3.1	189	21	6

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0061_03	0 ppm	Week : 13	25	96	0.5	6.1
0062_03	0 ppm	Week : 13	21	133	0.6	6.4
0063_03	0 ppm	Week : 13	25	52	0.5	6.5
0064_03	0 ppm	Week : 13	25	58	0.5	6.4
0065_03	0 ppm	Week : 13	11	97	0.7	6.3
0066_03	0 ppm	Week : 13	23	131	0.6	6.6
0067_03	0 ppm	Week : 13	24	114	0.5	7.4
0068_03	0 ppm	Week : 13	21	50	0.5	6.7
0069_03	0 ppm	Week : 13	25	480*	0.6	7.1
0070_03	0 ppm	Week : 13	23	58	0.5	6.3
0071_03	750 ppm	Week : 13	22	59	0.5	6.6
0072_03	750 ppm	Week : 13	17	92	0.4	6.2
0073_03	750 ppm	Week : 13	18	76	0.5	6.3
0074_03	750 ppm	Week : 13	20	50	0.5	6.2
0075_03	750 ppm	Week : 13	20	75	0.5	6.1
0076_03	750 ppm	Week : 13	22	228	0.6	6.1
0077_03	750 ppm	Week : 13	17	79	0.5	6.6
0078_03	750 ppm	Week : 13	17	81	0.6	6.4
0079_03	750 ppm	Week : 13	20	307	0.5	6.8
0080_03	750 ppm	Week : 13	19	110	0.5	6.7
0081_03	1500 ppm	Week : 13	20	178	0.5	6.1
0082_03	1500 ppm	Week : 13	20	76	0.5	5.9

Experiment Number: 05199-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 13:40:16

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0083_03	1500 ppm	Week : 13	18	146	0.5	6
0084_03	1500 ppm	Week : 13	15	93	0.5	6.2
0085_03	1500 ppm	Week : 13	19	163	0.4	6.4
0086_03	1500 ppm	Week : 13	21	152	0.4	6
0087_03	1500 ppm	Week : 13	22	107	0.4	5.9
0088_03	1500 ppm	Week : 13	22	159	0.5	6.2
0089_03	1500 ppm	Week : 13	22	143	0.5	6.1
0090_03	1500 ppm	Week : 13	11	29	0.5	6.3
0091_03	3000 ppm	Week : 13	19	127	0.5	6.1
0092_03	3000 ppm	Week : 13	14	71	0.4	5.9
0093_03	3000 ppm	Week : 13	17	39	0.4	5.6
0094_03	3000 ppm	Week : 13	20	43	0.4	5.8
0095_03	3000 ppm	Week : 13	21	46	0.5	5.5
0096_03	3000 ppm	Week : 13	18	50	0.5	6.2
0097_03	3000 ppm	Week : 13	23	261	0.8	6.2
0098_03	3000 ppm	Week : 13	22	86	0.5	5.9
0099_03	3000 ppm	Week : 13	22	105	0.4	6.4
0100_03	3000 ppm	Week : 13	12	106	0.4	5.8
0106_03	4500 ppm	Week : 13	23	138	0.6	6
0107_03	4500 ppm	Week : 13	23	213	0.6	5.7
0108_03	4500 ppm	Week : 13	15	76	0.4	5.9
0109_03	4500 ppm	Week : 13	15	61	0.5	5.8

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0110_03	4500 ppm	Week : 13	16	80	0.5	5.8
0481_03	0 ppm	Week : 1	20	218	0.5	6
0482_03	0 ppm	Week : 1	16	233	0.5	6.1
0483_03	0 ppm	Week : 1	20	203	0.5	5.9
0484_03	0 ppm	Week : 1	20	232	0.5	6.2
0485_03	0 ppm	Week : 1	20	202	0.5	6.3
0486_03	0 ppm	Week : 1	19	342	0.4	6
0487_03	0 ppm	Week : 1	18	260	0.5	6.4
0488_03	0 ppm	Week : 1	19	254	0.4	6
0489_03	0 ppm	Week : 1	19	455	0.5	6.3
0490_03	0 ppm	Week : 1	19	210	0.5	6
0491_03	0 ppm	Week : 3	17	219	0.5	5.8
0492_03	0 ppm	Week : 3	18	371	0.6	5.8
0493_03	0 ppm	Week : 3	17	266	0.6	5.8
0494_03	0 ppm	Week : 3	14	365	0.6	6
0495_03	0 ppm	Week : 3	18	371	0.6	5.6
0496_03	0 ppm	Week : 3	17	241	0.6	6.5
0497_03	0 ppm	Week : 3	16	223	0.5	5.7
0498_03	0 ppm	Week : 3	16	556	0.7	6
0499_03	0 ppm	Week : 3	17	207	0.5	6.1
0500_03	0 ppm	Week : 3	18	182	0.7	6.4
0501_03	750 ppm	Week : 1	20	225	0.5	5.6

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0502_03	750 ppm	Week : 1	22	314	0.5	5.4
0503_03	750 ppm	Week : 1	15	517	0.6	5.9
0504_03	750 ppm	Week : 1	14	389	0.5	5.6
0505_03	750 ppm	Week : 1	14	343	0.5	5.6
0506_03	750 ppm	Week : 1	17	375	0.6	6.2
0507_03	750 ppm	Week : 1	19	193	0.5	5.5
0508_03	750 ppm	Week : 1	16	163	0.4	5.9
0509_03	750 ppm	Week : 1	14	253	0.5	5.8
0510_03	750 ppm	Week : 1	16	315	0.5	5.6
0511_03	750 ppm	Week : 3	17	479	0.5	5.7
0512_03	750 ppm	Week : 3	17	169	0.6	6
0513_03	750 ppm	Week : 3	17	325	0.6	5.7
0514_03	750 ppm	Week : 3	16	312	0.6	5.7
0515_03	750 ppm	Week : 3	15	371	0.6	5.7
0516_03	750 ppm	Week : 3	21	272	0.6	5.5
0517_03	750 ppm	Week : 3	21	1395	0.6	5.9
0518_03	750 ppm	Week : 3	18	254	0.5	5.5
0519_03	750 ppm	Week : 3	16	191	0.5	5.6
0520_03	750 ppm	Week : 3	16	411	0.6	5.6
0521_03	1500 ppm	Week : 1	15	445	0.5	5.7
0522_03	1500 ppm	Week : 1	19	190	0.5	5.7
0523_03	1500 ppm	Week : 1	18	811	0.4	5.2

Experiment Number: 05199-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 13:40:17

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0524_03	1500 ppm	Week : 1	15	303	0.5	5.8
0525_03	1500 ppm	Week : 1	20	298	0.5	5.2
0526_03	1500 ppm	Week : 1	19	396	0.5	5.5
0527_03	1500 ppm	Week : 1	21	230	0.5	5.7
0528_03	1500 ppm	Week : 1	16	251	0.5	5.5
0529_03	1500 ppm	Week : 1	19	163	0.5	5.4
0530_03	1500 ppm	Week : 1	18	435	0.4	5.6
0531_03	1500 ppm	Week : 3	19	300	0.5	5.2
0532_03	1500 ppm	Week : 3	18	144	0.5	5.7
0533_03	1500 ppm	Week : 3	18	291	0.6	5.7
0534_03	1500 ppm	Week : 3	18	159	0.6	5.8
0535_03	1500 ppm	Week : 3	21	268	0.6	5.8
0536_03	1500 ppm	Week : 3	25	147	0.5	5.5
0537_03	1500 ppm	Week : 3	21	218	0.5	5.3
0538_03	1500 ppm	Week : 3	20	223	0.5	5.7
0539_03	1500 ppm	Week : 3	20	161	0.6	6
0540_03	1500 ppm	Week : 3	23	293	0.5	5.7
0541_03	3000 ppm	Week : 1	19	272	0.5	5.1
0542_03	3000 ppm	Week : 1	20	240	0.4	5.1
0543_03	3000 ppm	Week : 1	23	168	0.4	4.8
0544_03	3000 ppm	Week : 1	22	121	0.4	5.2
0545_03	3000 ppm	Week : 1	18	148	0.5	5.2

Experiment Number: 05199-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 13:40:17

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0546_03	3000 ppm	Week : 1	14	292	0.4	5.1
0547_03	3000 ppm	Week : 1	17	180	0.4	5.3
0548_03	3000 ppm	Week : 1	21	266	0.5	5
0549_03	3000 ppm	Week : 1	18	183	0.5	5.3
0550_03	3000 ppm	Week : 1	25	161	0.5	5.6
0552_03	3000 ppm	Week : 3	23	158	0.5	5.5
0553_03	3000 ppm	Week : 3	21	130	0.5	5.5
0554_03	3000 ppm	Week : 3	24	187	0.5	5.1
0555_03	3000 ppm	Week : 3	25	266	0.6	5.5
0558_03	3000 ppm	Week : 3	23	110	0.5	5.2
0561_03	4500 ppm	Week : 1	45	90	0.8	4.8
0562_03	4500 ppm	Week : 1	23	237	0.5	5.2
0563_03	4500 ppm	Week : 1	20	280	0.5	5
0564_03	4500 ppm	Week : 1	23	265	0.5	5.2
0565_03	4500 ppm	Week : 1	21	105	0.6	5.5
0566_03	4500 ppm	Week : 1	20	209	0.4	5.1
0567_03	4500 ppm	Week : 1	22	234	0.5	5.1
0568_03	4500 ppm	Week : 1	16	77	0.5	5.5
0569_03	4500 ppm	Week : 1	16	211	0.5	5.1
0570_03	4500 ppm	Week : 1	17	284	0.4	4.7
0581_03	6000 ppm	Week : 1	14	258	0.5	5.3
0582_03	6000 ppm	Week : 1	20	208	0.5	5

Experiment Number: 05199-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:40:17

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0583_03	6000 ppm	Week : 1	22	162	0.5	5
0584_03	6000 ppm	Week : 1	15	161	0.4	5
0585_03	6000 ppm	Week : 1	19	103	0.5	5.1
0586_03	6000 ppm	Week : 1	23	136	0.5	5.5
0587_03	6000 ppm	Week : 1	14	2554*	0.6	5.8
0588_03	6000 ppm	Week : 1	25	253	0.5	5.2
0589_03	6000 ppm	Week : 1	23	389	0.5	5.3
0590_03	6000 ppm	Week : 1	20	125	0.6	5.5

Experiment Number: 05199-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:40:17

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0061_03	0 ppm	Week : 13	4
0062_03	0 ppm	Week : 13	4
0063_03	0 ppm	Week : 13	5
0064_03	0 ppm	Week : 13	4
0065_03	0 ppm	Week : 13	4
0066_03	0 ppm	Week : 13	3
0067_03	0 ppm	Week : 13	6
0068_03	0 ppm	Week : 13	4
0069_03	0 ppm	Week : 13	4
0070_03	0 ppm	Week : 13	4
0071_03	750 ppm	Week : 13	5
0072_03	750 ppm	Week : 13	5
0073_03	750 ppm	Week : 13	4
0074_03	750 ppm	Week : 13	7
0075_03	750 ppm	Week : 13	5
0076_03	750 ppm	Week : 13	7
0077_03	750 ppm	Week : 13	4
0078_03	750 ppm	Week : 13	5
0079_03	750 ppm	Week : 13	3
0080_03	750 ppm	Week : 13	4
0081_03	1500 ppm	Week : 13	4
0082_03	1500 ppm	Week : 13	4

Experiment Number: 05199-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:40:17

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0083_03	1500 ppm	Week : 13	4
0084_03	1500 ppm	Week : 13	4
0085_03	1500 ppm	Week : 13	5
0086_03	1500 ppm	Week : 13	4
0087_03	1500 ppm	Week : 13	4
0088_03	1500 ppm	Week : 13	4
0089_03	1500 ppm	Week : 13	5
0090_03	1500 ppm	Week : 13	6
0091_03	3000 ppm	Week : 13	4
0092_03	3000 ppm	Week : 13	5
0093_03	3000 ppm	Week : 13	5
0094_03	3000 ppm	Week : 13	6
0095_03	3000 ppm	Week : 13	5
0096_03	3000 ppm	Week : 13	6
0097_03	3000 ppm	Week : 13	1
0098_03	3000 ppm	Week : 13	4
0099_03	3000 ppm	Week : 13	4
0100_03	3000 ppm	Week : 13	3
0106_03	4500 ppm	Week : 13	4
0107_03	4500 ppm	Week : 13	4
0108_03	4500 ppm	Week : 13	4
0109_03	4500 ppm	Week : 13	4

Experiment Number: 05199-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:40:17

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0110_03	4500 ppm	Week : 13	3
0481_03	0 ppm	Week : 1	4
0482_03	0 ppm	Week : 1	4
0483_03	0 ppm	Week : 1	5
0484_03	0 ppm	Week : 1	4
0485_03	0 ppm	Week : 1	5
0486_03	0 ppm	Week : 1	4
0487_03	0 ppm	Week : 1	5
0488_03	0 ppm	Week : 1	4
0489_03	0 ppm	Week : 1	5
0490_03	0 ppm	Week : 1	4
0491_03	0 ppm	Week : 3	6
0492_03	0 ppm	Week : 3	5
0493_03	0 ppm	Week : 3	3
0494_03	0 ppm	Week : 3	5
0495_03	0 ppm	Week : 3	6
0496_03	0 ppm	Week : 3	5
0497_03	0 ppm	Week : 3	5
0498_03	0 ppm	Week : 3	5
0499_03	0 ppm	Week : 3	5
0500_03	0 ppm	Week : 3	6
0501_03	750 ppm	Week : 1	4

Experiment Number: 05199-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:40:17

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0502_03	750 ppm	Week : 1	4
0503_03	750 ppm	Week : 1	5
0504_03	750 ppm	Week : 1	4
0505_03	750 ppm	Week : 1	4
0506_03	750 ppm	Week : 1	5
0507_03	750 ppm	Week : 1	4
0508_03	750 ppm	Week : 1	4
0509_03	750 ppm	Week : 1	4
0510_03	750 ppm	Week : 1	4
0511_03	750 ppm	Week : 3	5
0512_03	750 ppm	Week : 3	5
0513_03	750 ppm	Week : 3	6
0514_03	750 ppm	Week : 3	5
0515_03	750 ppm	Week : 3	5
0516_03	750 ppm	Week : 3	5
0517_03	750 ppm	Week : 3	3
0518_03	750 ppm	Week : 3	4
0519_03	750 ppm	Week : 3	4
0520_03	750 ppm	Week : 3	5
0521_03	1500 ppm	Week : 1	3
0522_03	1500 ppm	Week : 1	5
0523_03	1500 ppm	Week : 1	5

Experiment Number: 05199-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:40:17

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0524_03	1500 ppm	Week : 1	4
0525_03	1500 ppm	Week : 1	3
0526_03	1500 ppm	Week : 1	4
0527_03	1500 ppm	Week : 1	4
0528_03	1500 ppm	Week : 1	4
0529_03	1500 ppm	Week : 1	4
0530_03	1500 ppm	Week : 1	4
0531_03	1500 ppm	Week : 3	4
0532_03	1500 ppm	Week : 3	5
0533_03	1500 ppm	Week : 3	4
0534_03	1500 ppm	Week : 3	5
0535_03	1500 ppm	Week : 3	5
0536_03	1500 ppm	Week : 3	4
0537_03	1500 ppm	Week : 3	4
0538_03	1500 ppm	Week : 3	4
0539_03	1500 ppm	Week : 3	5
0540_03	1500 ppm	Week : 3	4
0541_03	3000 ppm	Week : 1	3
0542_03	3000 ppm	Week : 1	3
0543_03	3000 ppm	Week : 1	3
0544_03	3000 ppm	Week : 1	4
0545_03	3000 ppm	Week : 1	4

Experiment Number: 05199-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:40:17

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0546_03	3000 ppm	Week : 1	3
0547_03	3000 ppm	Week : 1	4
0548_03	3000 ppm	Week : 1	3
0549_03	3000 ppm	Week : 1	3
0550_03	3000 ppm	Week : 1	4
0552_03	3000 ppm	Week : 3	4
0553_03	3000 ppm	Week : 3	5
0554_03	3000 ppm	Week : 3	4
0555_03	3000 ppm	Week : 3	4
0558_03	3000 ppm	Week : 3	5
0561_03	4500 ppm	Week : 1	3
0562_03	4500 ppm	Week : 1	4
0563_03	4500 ppm	Week : 1	3
0564_03	4500 ppm	Week : 1	4
0565_03	4500 ppm	Week : 1	3
0566_03	4500 ppm	Week : 1	4
0567_03	4500 ppm	Week : 1	3
0568_03	4500 ppm	Week : 1	3
0569_03	4500 ppm	Week : 1	3
0570_03	4500 ppm	Week : 1	3
0581_03	6000 ppm	Week : 1	4
0582_03	6000 ppm	Week : 1	4

Experiment Number: 05199-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:40:17

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0583_03	6000 ppm	Week : 1	4
0584_03	6000 ppm	Week : 1	4
0585_03	6000 ppm	Week : 1	5
0586_03	6000 ppm	Week : 1	4
0587_03	6000 ppm	Week : 1	3
0588_03	6000 ppm	Week : 1	3
0589_03	6000 ppm	Week : 1	3
0590_03	6000 ppm	Week : 1	4

** END OF REPORT **