

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:07:56

First Dose M/F: NA / NA

Lab: NA

C Number: C62259

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:07:56

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0001_03	0 ppm	Week : 13	4	1.25	380	49
0002_03	0 ppm	Week : 13	4	1.21	485	44
0003_03	0 ppm	Week : 13	4.3	1.43	438	63
0004_03	0 ppm	Week : 13	4.1	1.52	328	48
0005_03	0 ppm	Week : 13	4.1	1.37	373	58
0006_03	0 ppm	Week : 13	3.9	1.22	383	56
0007_03	0 ppm	Week : 13	3.9	1.18	437	47
0008_03	0 ppm	Week : 13	4	1.29	395	53
0009_03	0 ppm	Week : 13	4.2	1.45	386	101
0010_03	0 ppm	Week : 13	4.1	1.46	509	65
0011_03	0 ppm	Day : 3	3.3	1.7	908	46
0011_03	0 ppm	Day : 23	3.5	1.3	516	33
0012_03	0 ppm	Day : 3	3.5	1.5	998	41
0012_03	0 ppm	Day : 23	3.6	1.2	574	38
0013_03	0 ppm	Day : 3	3.5	1.6	872	40
0013_03	0 ppm	Day : 23	3.9	1.4	531	37
0014_03	0 ppm	Day : 3	3.7	1.7	955	46
0014_03	0 ppm	Day : 23	3.8	1.4	567	34
0015_03	0 ppm	Day : 3	3.5	1.7	949	45
0015_03	0 ppm	Day : 23	3.6	1.3	505	36
0016_03	0 ppm	Day : 3	3.2	1.4	851	43
0016_03	0 ppm	Day : 23	3.5	1.2	509	38

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:07:56

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0017_03	0 ppm	Day : 3	3.2	1.5	963	49
0017_03	0 ppm	Day : 23	3.6	1.3	516	36
0018_03	0 ppm	Day : 3	3.3	1.6	910	44
0018_03	0 ppm	Day : 23	3.6	1.2	564	36
0019_03	0 ppm	Day : 3	3	1.3	1025	42
0019_03	0 ppm	Day : 23	3.7	1.4	602	39
0020_03	0 ppm	Day : 3	3.4	1.9	922	41
0020_03	0 ppm	Day : 23	3.7	1.3	634	34
0201_03	1.5 ppm	Week : 13	4.1	1.32	347	60
0202_03	1.5 ppm	Week : 13	3.9	1.26	356	68
0203_03	1.5 ppm	Week : 13	3.9	1.26	361	62
0204_03	1.5 ppm	Week : 13	4.1	1.32	397	49
0205_03	1.5 ppm	Week : 13	4.1	1.32	424	48
0206_03	1.5 ppm	Week : 13	4.2	1.4	357	52
0207_03	1.5 ppm	Week : 13	4	1.29	325	56
0208_03	1.5 ppm	Week : 13	4.1	1.37	374	53
0209_03	1.5 ppm	Week : 13	3.7	1.19	302	79
0210_03	1.5 ppm	Week : 13	4.2	1.24	403	102
0211_03	1.5 ppm	Day : 3	3.9	1.9	997	45
0211_03	1.5 ppm	Day : 23	3.7	1.3	540	37
0212_03	1.5 ppm	Day : 3	3.7	1.9	857	39
0212_03	1.5 ppm	Day : 23	3.7	1.3	463	32

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:07:56

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0213_03	1.5 ppm	Day : 3	3.5	1.6	899	37
0213_03	1.5 ppm	Day : 23	3.6	1.2	666	38
0214_03	1.5 ppm	Day : 3	3.6	2	819	38
0214_03	1.5 ppm	Day : 23	3.6	1.4	489	32
0215_03	1.5 ppm	Day : 3	3.5	1.7	938	44
0215_03	1.5 ppm	Day : 23	3.7	1.5	597	34
0216_03	1.5 ppm	Day : 3	3.3	1.6	962	48
0216_03	1.5 ppm	Day : 23	3.7	1.3	522	32
0217_03	1.5 ppm	Day : 3	3.3	1.4	892	45
0217_03	1.5 ppm	Day : 23	3.7	1.4	505	31
0218_03	1.5 ppm	Day : 3	3.2	1.4	962	48
0218_03	1.5 ppm	Day : 23	3.5	1.2	555	33
0219_03	1.5 ppm	Day : 3	3.4	1.6	892	46
0219_03	1.5 ppm	Day : 23	3.6	1.3	514	31
0220_03	1.5 ppm	Day : 3	3.6	1.7	832	39
0220_03	1.5 ppm	Day : 23	3.8	1.4	560	34
0401_03	3 ppm	Week : 13	3.8	1.23	422	78
0402_03	3 ppm	Week : 13	3.9	1.44	401	57
0403_03	3 ppm	Week : 13	3.9	1.26	367	66
0404_03	3 ppm	Week : 13	4.2	1.45	356	61
0405_03	3 ppm	Week : 13	3.8	1.23	325	55
0406_03	3 ppm	Week : 13	3.9	1.22	328	47

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:07:57

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0407_03	3 ppm	Week : 13	4.2	1.35	347	54
0408_03	3 ppm	Week : 13	4.2	1.4	383	50
0409_03	3 ppm	Week : 13	4	1.25	377	48
0410_03	3 ppm	Week : 13	4.1	1.32	408	48
0411_03	3 ppm	Day : 3	3.3	1.9	870	45
0411_03	3 ppm	Day : 23	3.8	1.7	485	29
0412_03	3 ppm	Day : 3	3.5	1.8	846	44
0412_03	3 ppm	Day : 23	3.9	1.5	522	32
0413_03	3 ppm	Day : 3	3.5	1.8	826	38
0413_03	3 ppm	Day : 23	3.5	1.2	606	33
0414_03	3 ppm	Day : 3	3.5	1.8	916	44
0414_03	3 ppm	Day : 23	3.6	1.4	517	35
0415_03	3 ppm	Day : 3	3.4	1.8	803	38
0415_03	3 ppm	Day : 23	3.9	1.6	491	39
0416_03	3 ppm	Day : 3	3.2	1.4	1041	47
0416_03	3 ppm	Day : 23	3.6	1.3	545	35
0417_03	3 ppm	Day : 3	3.6	1.8	1571	47
0417_03	3 ppm	Day : 23	3.7	1.6	807	29
0418_03	3 ppm	Day : 3	3.5	1.6	1089	47
0418_03	3 ppm	Day : 23	3.5	1.3	666	32
0419_03	3 ppm	Day : 3	3.6	1.7	828	38
0419_03	3 ppm	Day : 23	3.7	1.3	486	34

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0420_03	3 ppm	Day : 3	3.5	1.7	1053	44
0420_03	3 ppm	Day : 23	3.4	1.2	531	31
0601_03	6 ppm	Week : 13	4.2	1.35	430	53
0602_03	6 ppm	Week : 13	4	1.33	371	96
0603_03	6 ppm	Week : 13	4.4	1.76	339	40
0604_03	6 ppm	Week : 13	4	1.33	401	44
0605_03	6 ppm	Week : 13	3.9	1.34	314	45
0606_03	6 ppm	Week : 13	4	1.38	424	50
0607_03	6 ppm	Week : 13	3.9	1.3	334	49
0608_03	6 ppm	Week : 13	3.9	1.34	332	71
0609_03	6 ppm	Week : 13	4.1	1.28	383	49
0610_03	6 ppm	Week : 13	4	1.21	400	44
0611_03	6 ppm	Day : 3	3.6	1.6	929	43
0611_03	6 ppm	Day : 23	3.7	1.4	463	31
0612_03	6 ppm	Day : 3	3.7	1.7	926	55
0612_03	6 ppm	Day : 23	3.5	1.3	391	41
0613_03	6 ppm	Day : 3	3.7	2.3	1459	43
0613_03	6 ppm	Day : 23	3.6	1.7	795	26
0614_03	6 ppm	Day : 3	3.5	1.5	944	46
0614_03	6 ppm	Day : 23	3.7	1.4	529	34
0615_03	6 ppm	Day : 3	3.6	1.6	869	41
0615_03	6 ppm	Day : 23	3.6	1.3	492	33

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:07:57

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0616_03	6 ppm	Day : 3	3.9	1.9	836	45
0616_03	6 ppm	Day : 23	3.7	1.5	166	31
0617_03	6 ppm	Day : 3	3.5	1.9	952	49
0617_03	6 ppm	Day : 23	3.6	1.2	572	35
0618_03	6 ppm	Day : 3	3.9	1.8	856	53
0618_03	6 ppm	Day : 23	3.7	1.5	431	30
0619_03	6 ppm	Day : 3	3.6	1.9	930	53
0619_03	6 ppm	Day : 23	3.8	1.5	537	30
0620_03	6 ppm	Day : 3	3.4	1.5	923	44
0620_03	6 ppm	Day : 23	3.5	1.3	456	35
0801_03	12 ppm	Week : 13	3.9	1.44	382	52
0802_03	12 ppm	Week : 13	4	1.48	346	48
0803_03	12 ppm	Week : 13	3.9	1.39	405	46
0804_03	12 ppm	Week : 13	4	1.48	350	50
0805_03	12 ppm	Week : 13	3.6	1.29	349	41
0806_03	12 ppm	Week : 13	4	1.43	319	44
0807_03	12 ppm	Week : 13	4.2	1.62	378	48
0808_03	12 ppm	Week : 13	3.9	1.26	316	51
0809_03	12 ppm	Week : 13	4	1.43	345	49
0810_03	12 ppm	Week : 13	4	1.38	360	47
0811_03	12 ppm	Day : 3	3.4	2	974	46
0811_03	12 ppm	Day : 23	3.6	1.3	551	31

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:07:57

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0812_03	12 ppm	Day : 3	3.3	1.7	811	47
0812_03	12 ppm	Day : 23	3.5	1.3	475	33
0813_03	12 ppm	Day : 3	3.5	1.7	799	45
0813_03	12 ppm	Day : 23	3.5	1.5	495	30
0814_03	12 ppm	Day : 3	3.6	1.6	740	43
0814_03	12 ppm	Day : 23	3.3	1.2	473	32
0815_03	12 ppm	Day : 3	3.6	1.9	879	49
0815_03	12 ppm	Day : 23	3.5	1.4	462	35
0816_03	12 ppm	Day : 3	3.4	1.7		43
0816_03	12 ppm	Day : 23	3.6	1.4	405	28
0817_03	12 ppm	Day : 3	3.4	1.5	840	44
0817_03	12 ppm	Day : 23	3.4	1.3	564	32
0818_03	12 ppm	Day : 3	3.2	1.8	888	51
0818_03	12 ppm	Day : 23	3.7	1.3	482	31
0819_03	12 ppm	Day : 3	3.5	1.6	924	45
0819_03	12 ppm	Day : 23	3.7	1.4	454	29
0820_03	12 ppm	Day : 3	3.2	1.5	904	49
0820_03	12 ppm	Day : 23	3.8	1.5	488	36
1001_03	24 ppm	Week : 13	3.6	1.33	188	27
1002_03	24 ppm	Week : 13	4.2	1.91	299	34
1003_03	24 ppm	Week : 13	4.1	1.52	269	36
1004_03	24 ppm	Week : 13	3.9	1.39	284	32

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
1005_03	24 ppm	Week : 13	4	1.74	345	33
1006_03	24 ppm	Week : 13	3.9	1.39	341	34
1007_03	24 ppm	Week : 13	4	1.54	374	37
1008_03	24 ppm	Week : 13	4	1.54	265	32
1009_03	24 ppm	Week : 13	3.9	1.44	306	56
1010_03	24 ppm	Week : 13	4.1	1.58	259	34
1011_03	24 ppm	Day : 3	3.4	1.6	887	41
1011_03	24 ppm	Day : 23	3.7	1.9	464	26
1012_03	24 ppm	Day : 3	3.3	1.7	747	41
1012_03	24 ppm	Day : 23	3.7	1.5	477	30
1013_03	24 ppm	Day : 3	3.6	1.8	759	43
1013_03	24 ppm	Day : 23	3.4	1.3	485	31
1014_03	24 ppm	Day : 3	3.3	1.4	829	44
1014_03	24 ppm	Day : 23	3.6	1.4	464	31
1015_03	24 ppm	Day : 3	3.2	1.4	855	40
1015_03	24 ppm	Day : 23	3.8	1.3	393	27
1016_03	24 ppm	Day : 3	3.5	1.8	808	47
1016_03	24 ppm	Day : 23	3.7	1.7	484	35
1017_03	24 ppm	Day : 3	3.4	1.6	754	38
1017_03	24 ppm	Day : 23	3.7	1.4	505	31
1018_03	24 ppm	Day : 3	3.4	1.6	770	45
1018_03	24 ppm	Day : 23	3.5	1.4	427	30

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:07:57

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
1019_03	24 ppm	Day : 3	3.3	1.4	696	41
1019_03	24 ppm	Day : 23	3.7	1.4	466	33
1020_03	24 ppm	Day : 3	3.5	1.5	816	43
1020_03	24 ppm	Day : 23	3.7	1.5	538	32

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	Bilirubin Direct mg per dL	Bilirubin Total mg per dL	BUN mg per dL
0001_03	0 ppm	Week : 13	20	0.1	0.16	14
0002_03	0 ppm	Week : 13	19	0.07	0.16	13
0003_03	0 ppm	Week : 13	22	0.17	0.31	21
0004_03	0 ppm	Week : 13	26	0.03	0.09	11
0005_03	0 ppm	Week : 13	18	0.06	0.18	21
0006_03	0 ppm	Week : 13	19	0.11	0.19	19
0007_03	0 ppm	Week : 13	19	0.13	0.28	21
0008_03	0 ppm	Week : 13	22	0.07	0.18	13
0009_03	0 ppm	Week : 13	50	0.11	0.23	13
0010_03	0 ppm	Week : 13	17	0.12	0.25	24
0011_03	0 ppm	Day : 3	15	0.05	0.12	14
0011_03	0 ppm	Day : 23	19	0.08	0.13	15
0012_03	0 ppm	Day : 3	18	0.04	0.21	16
0012_03	0 ppm	Day : 23	23	0	0.17	15
0013_03	0 ppm	Day : 3	18	0.1	0.17	13
0013_03	0 ppm	Day : 23	21	0.06	0.2	14
0014_03	0 ppm	Day : 3	18	0.07	0.18	14
0014_03	0 ppm	Day : 23	18	0.07	0.16	13
0015_03	0 ppm	Day : 3	16	0	0.14	11
0015_03	0 ppm	Day : 23	21	0.01	0.11	15
0016_03	0 ppm	Day : 3	19	0.1	0.26	17
0016_03	0 ppm	Day : 23	16	0.02	0.15	13

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	Bilirubin Direct mg per dL	Bilirubin Total mg per dL	BUN mg per dL
0017_03	0 ppm	Day : 3	16	0.19	0.31	17
0017_03	0 ppm	Day : 23	24	0.01	0.07	14
0018_03	0 ppm	Day : 3	22	0.06	0.06	16
0018_03	0 ppm	Day : 23	26	0.03	0.11	16
0019_03	0 ppm	Day : 3	18	0.07	0.04	16
0019_03	0 ppm	Day : 23	17	0.05	0.1	14
0020_03	0 ppm	Day : 3	17	0.08	0.03	16
0020_03	0 ppm	Day : 23	18	0.04	0.17	15
0201_03	1.5 ppm	Week : 13	28	0.07	0.15	24
0202_03	1.5 ppm	Week : 13	37	0.12	0.31	21
0203_03	1.5 ppm	Week : 13	21	0.1	0.25	18
0204_03	1.5 ppm	Week : 13	30	0.21	0.34	13
0205_03	1.5 ppm	Week : 13	20	0.13	0.3	22
0206_03	1.5 ppm	Week : 13	21	0.19	0.37	21
0207_03	1.5 ppm	Week : 13	39	0.11	0.23	12
0208_03	1.5 ppm	Week : 13	21	0.15	0.3	20
0209_03	1.5 ppm	Week : 13	22	0.13	0.32	20
0210_03	1.5 ppm	Week : 13	24	0.15	0.25	21
0211_03	1.5 ppm	Day : 3	22	0.05	0.17	12
0211_03	1.5 ppm	Day : 23	24	0.09	0.14	11
0212_03	1.5 ppm	Day : 3	16	0.02	0.12	12
0212_03	1.5 ppm	Day : 23	22	0.02	0.07	14

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	Bilirubin Direct mg per dL	Bilirubin Total mg per dL	BUN mg per dL
0212_03	1.5 ppm	Day : 23	22	0.02	0.07	14
0213_03	1.5 ppm	Day : 3	23	0.04	0.17	11
0213_03	1.5 ppm	Day : 23	19	0.04	0.11	11
0214_03	1.5 ppm	Day : 3	15	0.06	0.14	12
0214_03	1.5 ppm	Day : 23	16	0.02	0.13	11
0215_03	1.5 ppm	Day : 3	18	0.04	0.15	13
0215_03	1.5 ppm	Day : 23	19	0.01	0.15	12
0216_03	1.5 ppm	Day : 3	26	0.06	0.16	14
0216_03	1.5 ppm	Day : 23	22	0.03	0.07	13
0217_03	1.5 ppm	Day : 3	19	0.05	0.13	13
0217_03	1.5 ppm	Day : 23	21	0.02	0.08	13
0218_03	1.5 ppm	Day : 3	23	0.06	0.14	12
0218_03	1.5 ppm	Day : 23	21	0.02	0.07	14
0219_03	1.5 ppm	Day : 3	19	0.07	0.16	12
0219_03	1.5 ppm	Day : 23	23	0.03	0.15	15
0220_03	1.5 ppm	Day : 3	16	0.02	0.14	14
0220_03	1.5 ppm	Day : 23	21	0.05	0.14	15
0401_03	3 ppm	Week : 13	26	0.12	0.23	23
0402_03	3 ppm	Week : 13	22	0.15	0.28	20
0403_03	3 ppm	Week : 13	19	0.07	0.24	19
0404_03	3 ppm	Week : 13	27	0.13	0.29	19
0405_03	3 ppm	Week : 13	39	0.07	0.22	18

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	Bilirubin Direct mg per dL	Bilirubin Total mg per dL	BUN mg per dL
0406_03	3 ppm	Week : 13	20	0.05	0.2	21
0407_03	3 ppm	Week : 13	26	0.14	0.26	21
0408_03	3 ppm	Week : 13	30	0.07	0.2	14
0409_03	3 ppm	Week : 13	38	0.16	0.26	22
0410_03	3 ppm	Week : 13	26	0.2	0.32	22
0411_03	3 ppm	Day : 3	27	0.05	0.14	13
0411_03	3 ppm	Day : 23	21	0.03	0.15	14
0412_03	3 ppm	Day : 3	16	0.02	0.13	11
0412_03	3 ppm	Day : 23	19	0.02	0.11	12
0413_03	3 ppm	Day : 3	23	0.04	0.16	12
0413_03	3 ppm	Day : 23	19	0.02	0.17	14
0414_03	3 ppm	Day : 3	24	0.05	0.16	12
0414_03	3 ppm	Day : 23	81*	0.01	0.16	13
0415_03	3 ppm	Day : 3	17	0.02	0.12	10
0415_03	3 ppm	Day : 23	28	0.07	0.23	13
0416_03	3 ppm	Day : 3	27	0.12	0.26	21
0416_03	3 ppm	Day : 23	22	0.11	0.21	16
0417_03	3 ppm	Day : 3	24	0.09	0.23	11
0417_03	3 ppm	Day : 23	18	0.05	0.12	11
0418_03	3 ppm	Day : 3	18	0.16	0.33	13
0418_03	3 ppm	Day : 23	18	0.04	0.18	16
0419_03	3 ppm	Day : 3	28	0.09	0.28	10

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	Bilirubin Direct mg per dL	Bilirubin Total mg per dL	BUN mg per dL
0419_03	3 ppm	Day : 3	28	0.09	0.28	10
0419_03	3 ppm	Day : 23	23	0.03	0.15	15
0420_03	3 ppm	Day : 3	20	0.1	0.26	12
0420_03	3 ppm	Day : 23	22	0.02	0.08	15
0601_03	6 ppm	Week : 13	24	0.08	0.22	20
0602_03	6 ppm	Week : 13	30	0.03	0.15	13
0603_03	6 ppm	Week : 13	24	0.08	0.24	17
0604_03	6 ppm	Week : 13	22	0.07	0.21	22
0605_03	6 ppm	Week : 13	26	0.12	0.21	22
0606_03	6 ppm	Week : 13	39	0.14	0.25	13
0607_03	6 ppm	Week : 13	27	0.15	0.37	20
0608_03	6 ppm	Week : 13	24	0.1	0.19	24
0609_03	6 ppm	Week : 13	22	0.12	0.22	21
0610_03	6 ppm	Week : 13	24	0.06	0.26	20
0611_03	6 ppm	Day : 3	25	0.11	0.27	14
0611_03	6 ppm	Day : 23	26	0.04	0.11	13
0612_03	6 ppm	Day : 3	107*	0.1	0.27	16
0612_03	6 ppm	Day : 23	20	0.05	0.16	15
0613_03	6 ppm	Day : 3	24	0.07	0.24	14
0613_03	6 ppm	Day : 23	19	0.04	0.11	7
0614_03	6 ppm	Day : 3	21	0.1	0.28	13
0614_03	6 ppm	Day : 23	21	0.07	0.2	12

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	Bilirubin Direct mg per dL	Bilirubin Total mg per dL	BUN mg per dL
0615_03	6 ppm	Day : 3	22	0.06	0.23	13
0615_03	6 ppm	Day : 23	30	0.04	0.21	12
0616_03	6 ppm	Day : 3	23	0.07	0.23	13
0616_03	6 ppm	Day : 23	23	0.08	0.17	11
0617_03	6 ppm	Day : 3	26	0.05	0.22	12
0617_03	6 ppm	Day : 23	26	0.04	0.13	17
0618_03	6 ppm	Day : 3	42	0.12	0.28	15
0618_03	6 ppm	Day : 23	21	0.07	0.12	14
0619_03	6 ppm	Day : 3	27	0.06	0.22	12
0619_03	6 ppm	Day : 23	28	0.06	0.17	14
0620_03	6 ppm	Day : 3	28	0.13	0.3	17
0620_03	6 ppm	Day : 23	24	0.01	0.09	15
0801_03	12 ppm	Week : 13	39	0.24	0.34	15
0802_03	12 ppm	Week : 13	26	0.1	0.26	21
0803_03	12 ppm	Week : 13	28	0.2	0.35	23
0804_03	12 ppm	Week : 13	28	0.13	0.31	21
0805_03	12 ppm	Week : 13	26	0.1	0.25	22
0806_03	12 ppm	Week : 13	27	0.09	0.24	18
0807_03	12 ppm	Week : 13	42	0.12	0.26	20
0808_03	12 ppm	Week : 13	25	0.07	0.21	20
0809_03	12 ppm	Week : 13	30	0.33	0.55	22
0810_03	12 ppm	Week : 13	26	0.12	0.27	20

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	Bilirubin Direct mg per dL	Bilirubin Total mg per dL	BUN mg per dL
0810_03	12 ppm	Week : 13	26	0.12	0.27	20
0811_03	12 ppm	Day : 3	33	0.06	0.23	14
0811_03	12 ppm	Day : 23	34	0.09	0.23	15
0812_03	12 ppm	Day : 3	28	0.09	0.23	15
0812_03	12 ppm	Day : 23	53	0.04	0.17	12
0813_03	12 ppm	Day : 3	31	0.11	0.28	15
0813_03	12 ppm	Day : 23	28	0.01	0.15	11
0814_03	12 ppm	Day : 3	29	0.1	0.29	14
0814_03	12 ppm	Day : 23	27	0.04	0.21	12
0815_03	12 ppm	Day : 3	40	0.08	0.22	17
0815_03	12 ppm	Day : 23	28	0.02	0.19	11
0816_03	12 ppm	Day : 3	29	0.07	0.17	15
0816_03	12 ppm	Day : 23	29	0.08	0.19	13
0817_03	12 ppm	Day : 3	26	0.03	0.15	14
0817_03	12 ppm	Day : 23	34	0.11	0.23	16
0818_03	12 ppm	Day : 3	29	0.09	0.09	13
0818_03	12 ppm	Day : 23	34	0.07	0.18	16
0819_03	12 ppm	Day : 3	30	0.03	0.14	12
0819_03	12 ppm	Day : 23	28	0.01	0.2	13
0820_03	12 ppm	Day : 3	34	0.05	0.16	13
0820_03	12 ppm	Day : 23	42	0.13	0.28	14
1001_03	24 ppm	Week : 13	29	0.21	0.42	19

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	Bilirubin Direct mg per dL	Bilirubin Total mg per dL	BUN mg per dL
1002_03	24 ppm	Week : 13	29	0.11	0.3	21
1003_03	24 ppm	Week : 13	61	0.18	0.38	19
1004_03	24 ppm	Week : 13	31	0.25	0.41	22
1005_03	24 ppm	Week : 13	27	0.17	0.33	19
1006_03	24 ppm	Week : 13	27	0.19	0.31	24
1007_03	24 ppm	Week : 13	29	0.35	0.48	22
1008_03	24 ppm	Week : 13	25	0.16	0.27	17
1009_03	24 ppm	Week : 13	53	0.25	0.45	20
1010_03	24 ppm	Week : 13	39	0.17	0.35	18
1011_03	24 ppm	Day : 3	26	0.05	0.12	14
1011_03	24 ppm	Day : 23	32	0.1	0.23	11
1012_03	24 ppm	Day : 3	30	0.05	0.09	17
1012_03	24 ppm	Day : 23	70	0.17	0.29	14
1013_03	24 ppm	Day : 3	23	0.06	0.08	13
1013_03	24 ppm	Day : 23	41	0.08	0.19	15
1014_03	24 ppm	Day : 3	24	0.07	0.13	13
1014_03	24 ppm	Day : 23	32	0.04	0.23	11
1015_03	24 ppm	Day : 3	22	0.05	0.06	15
1015_03	24 ppm	Day : 23	59	0.12	0.26	16
1016_03	24 ppm	Day : 3	24	0.07	0.11	14
1016_03	24 ppm	Day : 23	39	0.12	0.17	14
1017_03	24 ppm	Day : 3	29	0.07	0.13	18

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:07:58

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	Bilirubin Direct mg per dL	Bilirubin Total mg per dL	BUN mg per dL
1017_03	24 ppm	Day : 3	29	0.07	0.13	18
1017_03	24 ppm	Day : 23	36	0.12	0.3	14
1018_03	24 ppm	Day : 3	25	0.05	0.04	14
1018_03	24 ppm	Day : 23	39	0.06	0.24	11
1019_03	24 ppm	Day : 3	21	0.09	0.09	15
1019_03	24 ppm	Day : 23	55	0.12	0.18	17
1020_03	24 ppm	Day : 3	24	0.1	0.16	14
1020_03	24 ppm	Day : 23	32	0.15	0.3	16

MALE

Animal No.	Dose	Time In Study	Creatine Kinase IU per L	Creatinine U per L	Globulin g per dL	Protein Total g per dL
0001_03	0 ppm	Week : 13	64	0.6	3.2	7.2
0002_03	0 ppm	Week : 13	59	0.6	3.3	7.3
0003_03	0 ppm	Week : 13	83	0.7	3	7.3
0004_03	0 ppm	Week : 13	102	0.6	2.7	6.8
0005_03	0 ppm	Week : 13	86	0.7	3	7.1
0006_03	0 ppm	Week : 13	104	0.7	3.2	7.1
0007_03	0 ppm	Week : 13	75	0.7	3.3	7.2
0008_03	0 ppm	Week : 13	93	0.6	3.1	7.1
0009_03	0 ppm	Week : 13	209	0.7	2.9	7.1
0010_03	0 ppm	Week : 13	74	0.7	2.8	6.9
0011_03	0 ppm	Day : 3	302	0.5	1.9	5.2
0011_03	0 ppm	Day : 23	154	0.4	2.7	6.2
0012_03	0 ppm	Day : 3	331	0.5	2.3	5.8
0012_03	0 ppm	Day : 23	192	0.6	2.9	6.5
0013_03	0 ppm	Day : 3	288	0.5	2.2	5.7
0013_03	0 ppm	Day : 23	314	0.6	2.7	6.6
0014_03	0 ppm	Day : 3	316	0.5	2.2	5.9
0014_03	0 ppm	Day : 23	198	0.5	2.7	6.5
0015_03	0 ppm	Day : 3	278	0.6	2.1	5.6
0015_03	0 ppm	Day : 23	158	0.5	2.8	6.4
0016_03	0 ppm	Day : 3	308	0.5	2.3	5.5
0016_03	0 ppm	Day : 23	293	0.6	2.9	6.4

MALE

Animal No.	Dose	Time In Study	Creatine Kinase IU per L	Creatinine U per L	Globulin g per dL	Protein Total g per dL
0017_03	0 ppm	Day : 3	215	0.5	2.1	5.3
0017_03	0 ppm	Day : 23	150	0.5	2.7	6.3
0018_03	0 ppm	Day : 3	225	0.5	2.1	5.4
0018_03	0 ppm	Day : 23	180	0.6	2.9	6.5
0019_03	0 ppm	Day : 3	202	0.4	2.3	5.3
0019_03	0 ppm	Day : 23	254	0.6	2.6	6.3
0020_03	0 ppm	Day : 3	271	0.5	1.8	5.2
0020_03	0 ppm	Day : 23	392	0.6	2.9	6.6
0201_03	1.5 ppm	Week : 13	164	0.6	3.1	7.2
0202_03	1.5 ppm	Week : 13	111	0.6	3.1	7
0203_03	1.5 ppm	Week : 13	79	0.6	3.1	7
0204_03	1.5 ppm	Week : 13	81	0.7	3.1	7.2
0205_03	1.5 ppm	Week : 13	102	0.7	3.1	7.2
0206_03	1.5 ppm	Week : 13	187	0.7	3	7.2
0207_03	1.5 ppm	Week : 13	143	0.7	3.1	7.1
0208_03	1.5 ppm	Week : 13	69	0.7	3	7.1
0209_03	1.5 ppm	Week : 13	181	0.7	3.1	6.8
0210_03	1.5 ppm	Week : 13	121	0.7	3.4	7.6
0211_03	1.5 ppm	Day : 3	350	0.7	2	5.9
0211_03	1.5 ppm	Day : 23	268	0.6	2.8	6.5
0212_03	1.5 ppm	Day : 3	272	0.5	1.9	5.6
0212_03	1.5 ppm	Day : 23	159	0.5	2.9	6.6

MALE

Animal No.	Dose	Time In Study	Creatine Kinase IU per L	Creatinine U per L	Globulin g per dL	Protein Total g per dL
0213_03	1.5 ppm	Day : 3	346	0.5	2.2	5.7
0213_03	1.5 ppm	Day : 23	198	0.5	2.9	6.5
0214_03	1.5 ppm	Day : 3	243	0.6	1.8	5.4
0214_03	1.5 ppm	Day : 23	219	0.6	2.6	6.2
0215_03	1.5 ppm	Day : 3	244	0.5	2.1	5.6
0215_03	1.5 ppm	Day : 23	264	0.5	2.5	6.2
0216_03	1.5 ppm	Day : 3	309	0.6	2.1	5.4
0216_03	1.5 ppm	Day : 23	192	0.5	2.9	6.6
0217_03	1.5 ppm	Day : 3	273	0.6	2.3	5.6
0217_03	1.5 ppm	Day : 23	299	0.5	2.7	6.4
0218_03	1.5 ppm	Day : 3	267	0.6	2.3	5.5
0218_03	1.5 ppm	Day : 23	173	0.5	2.9	6.4
0219_03	1.5 ppm	Day : 3	343	0.6	2.1	5.5
0219_03	1.5 ppm	Day : 23	228	0.5	2.8	6.4
0220_03	1.5 ppm	Day : 3	262	0.6	2.1	5.7
0220_03	1.5 ppm	Day : 23	201	0.6	2.8	6.6
0401_03	3 ppm	Week : 13	216	0.7	3.1	6.9
0402_03	3 ppm	Week : 13	108	0.7	2.7	6.6
0403_03	3 ppm	Week : 13	65	0.6	3.1	7
0404_03	3 ppm	Week : 13	90	0.7	2.9	7.1
0405_03	3 ppm	Week : 13	192	0.7	3.1	6.9
0406_03	3 ppm	Week : 13	133	0.7	3.2	7.1

MALE

Animal No.	Dose	Time In Study	Creatine Kinase IU per L	Creatinine U per L	Globulin g per dL	Protein Total g per dL
0407_03	3 ppm	Week : 13	223	0.6	3.1	7.3
0408_03	3 ppm	Week : 13	177	0.7	3	7.2
0409_03	3 ppm	Week : 13	74	0.7	3.2	7.2
0410_03	3 ppm	Week : 13	88	0.7	3.1	7.2
0411_03	3 ppm	Day : 3	285	0.5	1.7	5
0411_03	3 ppm	Day : 23	344	0.6	2.3	6.1
0412_03	3 ppm	Day : 3	228	0.5	1.9	5.4
0412_03	3 ppm	Day : 23	177	0.6	2.6	6.5
0413_03	3 ppm	Day : 3	238	0.6	2	5.5
0413_03	3 ppm	Day : 23	261	0.6	2.9	6.4
0414_03	3 ppm	Day : 3	393	0.5	1.9	5.4
0414_03	3 ppm	Day : 23	198	0.6	2.6	6.2
0415_03	3 ppm	Day : 3	224	0.6	1.9	5.3
0415_03	3 ppm	Day : 23	259	0.7	2.4	6.3
0416_03	3 ppm	Day : 3	1090*	0.6	2.3	5.5
0416_03	3 ppm	Day : 23	227	0.6	2.8	6.4
0417_03	3 ppm	Day : 3	296	0.4	2	5.6
0417_03	3 ppm	Day : 23	281	0.5	2.3	6
0418_03	3 ppm	Day : 3	170	0.5	2.2	5.7
0418_03	3 ppm	Day : 23	274	0.6	2.6	6.1
0419_03	3 ppm	Day : 3	279	0.5	2.1	5.7
0419_03	3 ppm	Day : 23	275	0.6	2.8	6.5

MALE

Animal No.	Dose	Time In Study	Creatine Kinase IU per L	Creatinine U per L	Globulin g per dL	Protein Total g per dL
0420_03	3 ppm	Day : 3	321	0.5	2.1	5.6
0420_03	3 ppm	Day : 23	178	0.5	2.9	6.3
0601_03	6 ppm	Week : 13	76	0.7	3.1	7.3
0602_03	6 ppm	Week : 13	77	0.7	3	7
0603_03	6 ppm	Week : 13	78	0.7	2.5	6.9
0604_03	6 ppm	Week : 13	80	0.8	3	7
0605_03	6 ppm	Week : 13	165	0.7	2.9	6.8
0606_03	6 ppm	Week : 13	127	0.7	2.9	6.9
0607_03	6 ppm	Week : 13	63	0.6	3	6.9
0608_03	6 ppm	Week : 13	166	0.7	2.9	6.8
0609_03	6 ppm	Week : 13	122	0.8	3.2	7.3
0610_03	6 ppm	Week : 13	74	0.6	3.3	7.3
0611_03	6 ppm	Day : 3	371	0.6	2.2	5.8
0611_03	6 ppm	Day : 23	200	0.5	2.6	6.3
0612_03	6 ppm	Day : 3	1276*	0.7	2.2	5.9
0612_03	6 ppm	Day : 23	253	0.6	2.6	6.1
0613_03	6 ppm	Day : 3	307	0.5	1.6	5.3
0613_03	6 ppm	Day : 23	192	0.6	2.1	5.7
0614_03	6 ppm	Day : 3	177	0.5	2.4	5.9
0614_03	6 ppm	Day : 23	329	0.6	2.7	6.4
0615_03	6 ppm	Day : 3	226	0.5	2.3	5.9
0615_03	6 ppm	Day : 23	360	0.7	2.8	6.4

MALE

Animal No.	Dose	Time In Study	Creatine Kinase IU per L	Creatinine U per L	Globulin g per dL	Protein Total g per dL
0616_03	6 ppm	Day : 3	290	0.6	2.1	6
0616_03	6 ppm	Day : 23	384	0.7	2.4	6.1
0617_03	6 ppm	Day : 3	328	0.6	1.8	5.3
0617_03	6 ppm	Day : 23	270	0.5	3.1	6.7
0618_03	6 ppm	Day : 3	678	0.7	2.2	6.1
0618_03	6 ppm	Day : 23	199	0.6	2.5	6.2
0619_03	6 ppm	Day : 3	396	0.5	1.9	5.5
0619_03	6 ppm	Day : 23	397	0.7	2.5	6.3
0620_03	6 ppm	Day : 3	544	0.6	2.2	5.6
0620_03	6 ppm	Day : 23	201	0.5	2.7	6.2
0801_03	12 ppm	Week : 13	189	0.8	2.7	6.6
0802_03	12 ppm	Week : 13	84	0.6	2.7	6.7
0803_03	12 ppm	Week : 13	86	0.7	2.8	6.7
0804_03	12 ppm	Week : 13	80	0.7	2.7	6.7
0805_03	12 ppm	Week : 13	169	0.6	2.8	6.4
0806_03	12 ppm	Week : 13	128	0.6	2.8	6.8
0807_03	12 ppm	Week : 13	154	0.8	2.6	6.8
0808_03	12 ppm	Week : 13	116	0.7	3.1	7
0809_03	12 ppm	Week : 13	90	0.7	2.8	6.8
0810_03	12 ppm	Week : 13	76	0.7	2.9	6.9
0811_03	12 ppm	Day : 3	249	0.5	1.7	5.1
0811_03	12 ppm	Day : 23	215	0.7	2.8	6.4

MALE

Animal No.	Dose	Time In Study	Creatine Kinase IU per L	Creatinine U per L	Globulin g per dL	Protein Total g per dL
0812_03	12 ppm	Day : 3	261	0.5	2	5.3
0812_03	12 ppm	Day : 23	156	0.6	2.6	6.1
0813_03	12 ppm	Day : 3	348	0.6	2.1	5.6
0813_03	12 ppm	Day : 23	253	0.6	2.4	5.9
0814_03	12 ppm	Day : 3	322	0.6	2.2	5.8
0814_03	12 ppm	Day : 23	329	0.6	2.8	6.1
0815_03	12 ppm	Day : 3	333	0.5	1.9	5.5
0815_03	12 ppm	Day : 23	237	0.6	2.5	6
0816_03	12 ppm	Day : 3	272	0.6	2	5.4
0816_03	12 ppm	Day : 23	233	0.5	2.5	6.1
0817_03	12 ppm	Day : 3	306	0.5	2.2	5.6
0817_03	12 ppm	Day : 23	300	0.7	2.7	6.1
0818_03	12 ppm	Day : 3	375	0.5	1.8	5
0818_03	12 ppm	Day : 23	155	0.5	2.8	6.5
0819_03	12 ppm	Day : 3	221	0.5	2.2	5.7
0819_03	12 ppm	Day : 23	173	0.6	2.6	6.3
0820_03	12 ppm	Day : 3	282	0.5	2.2	5.4
0820_03	12 ppm	Day : 23	225	0.7	2.6	6.4
1001_03	24 ppm	Week : 13	68	0.7	2.7	6.3
1002_03	24 ppm	Week : 13	58	0.7	2.2	6.4
1003_03	24 ppm	Week : 13	126	0.7	2.7	6.8
1004_03	24 ppm	Week : 13	146	0.8	2.8	6.7

MALE

Animal No.	Dose	Time In Study	Creatine Kinase IU per L	Creatinine U per L	Globulin g per dL	Protein Total g per dL
1005_03	24 ppm	Week : 13	62	0.7	2.3	6.3
1006_03	24 ppm	Week : 13	105	0.8	2.8	6.7
1007_03	24 ppm	Week : 13	75	0.8	2.6	6.6
1008_03	24 ppm	Week : 13	111	0.7	2.6	6.6
1009_03	24 ppm	Week : 13	134	0.8	2.7	6.6
1010_03	24 ppm	Week : 13	62	0.7	2.6	6.7
1011_03	24 ppm	Day : 3	162	0.6	2.1	5.5
1011_03	24 ppm	Day : 23	233	0.7	2	5.7
1012_03	24 ppm	Day : 3	172	0.6	2	5.3
1012_03	24 ppm	Day : 23	189	0.8	2.4	6.1
1013_03	24 ppm	Day : 3	244	0.5	2	5.6
1013_03	24 ppm	Day : 23	156	0.6	2.7	6.1
1014_03	24 ppm	Day : 3	207	0.4	2.4	5.7
1014_03	24 ppm	Day : 23	191	0.7	2.6	6.2
1015_03	24 ppm	Day : 3	160	0.5	2.3	5.5
1015_03	24 ppm	Day : 23	121	0.6	2.9	6.7
1016_03	24 ppm	Day : 3	253	0.5	2	5.5
1016_03	24 ppm	Day : 23	186	0.6	2.2	5.9
1017_03	24 ppm	Day : 3	372	0.7	2.1	5.5
1017_03	24 ppm	Day : 23	355	0.8	2.6	6.3
1018_03	24 ppm	Day : 3	178	0.5	2.1	5.5
1018_03	24 ppm	Day : 23	175	0.6	2.5	6

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:07:58

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Creatine Kinase IU per L	Creatinine U per L	Globulin g per dL	Protein Total g per dL
1019_03	24 ppm	Day : 3	187	0.6	2.4	5.7
1019_03	24 ppm	Day : 23	116	0.6	2.6	6.3
1020_03	24 ppm	Day : 3	221	0.6	2.3	5.8
1020_03	24 ppm	Day : 23	446	0.8	2.5	6.2

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:07:58

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	18
0002_03	0 ppm	Week : 13	15
0003_03	0 ppm	Week : 13	24
0004_03	0 ppm	Week : 13	19
0005_03	0 ppm	Week : 13	24
0006_03	0 ppm	Week : 13	29
0007_03	0 ppm	Week : 13	19
0008_03	0 ppm	Week : 13	22
0009_03	0 ppm	Week : 13	44
0010_03	0 ppm	Week : 13	25
0011_03	0 ppm	Day : 3	12
0011_03	0 ppm	Day : 23	12
0012_03	0 ppm	Day : 3	16
0012_03	0 ppm	Day : 23	19
0013_03	0 ppm	Day : 3	14
0013_03	0 ppm	Day : 23	15
0014_03	0 ppm	Day : 3	14
0014_03	0 ppm	Day : 23	15
0015_03	0 ppm	Day : 3	14
0015_03	0 ppm	Day : 23	12
0016_03	0 ppm	Day : 3	16
0016_03	0 ppm	Day : 23	17

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:07:58

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0017_03	0 ppm	Day : 3	16
0017_03	0 ppm	Day : 23	14
0018_03	0 ppm	Day : 3	15
0018_03	0 ppm	Day : 23	13
0019_03	0 ppm	Day : 3	14
0019_03	0 ppm	Day : 23	16
0020_03	0 ppm	Day : 3	14
0020_03	0 ppm	Day : 23	14
0201_03	1.5 ppm	Week : 13	25
0202_03	1.5 ppm	Week : 13	23
0203_03	1.5 ppm	Week : 13	24
0204_03	1.5 ppm	Week : 13	22
0205_03	1.5 ppm	Week : 13	18
0206_03	1.5 ppm	Week : 13	24
0207_03	1.5 ppm	Week : 13	23
0208_03	1.5 ppm	Week : 13	19
0209_03	1.5 ppm	Week : 13	32
0210_03	1.5 ppm	Week : 13	54
0211_03	1.5 ppm	Day : 3	18
0211_03	1.5 ppm	Day : 23	17
0212_03	1.5 ppm	Day : 3	17
0212_03	1.5 ppm	Day : 23	13

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:07:58

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0213_03	1.5 ppm	Day : 3	13
0213_03	1.5 ppm	Day : 23	16
0214_03	1.5 ppm	Day : 3	14
0214_03	1.5 ppm	Day : 23	15
0215_03	1.5 ppm	Day : 3	15
0215_03	1.5 ppm	Day : 23	12
0216_03	1.5 ppm	Day : 3	16
0216_03	1.5 ppm	Day : 23	14
0217_03	1.5 ppm	Day : 3	16
0217_03	1.5 ppm	Day : 23	14
0218_03	1.5 ppm	Day : 3	16
0218_03	1.5 ppm	Day : 23	13
0219_03	1.5 ppm	Day : 3	16
0219_03	1.5 ppm	Day : 23	13
0220_03	1.5 ppm	Day : 3	14
0220_03	1.5 ppm	Day : 23	13
0401_03	3 ppm	Week : 13	24
0402_03	3 ppm	Week : 13	22
0403_03	3 ppm	Week : 13	23
0404_03	3 ppm	Week : 13	23
0405_03	3 ppm	Week : 13	22
0406_03	3 ppm	Week : 13	19

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:07:58

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0407_03	3 ppm	Week : 13	25
0408_03	3 ppm	Week : 13	24
0409_03	3 ppm	Week : 13	22
0410_03	3 ppm	Week : 13	23
0411_03	3 ppm	Day : 3	15
0411_03	3 ppm	Day : 23	14
0412_03	3 ppm	Day : 3	18
0412_03	3 ppm	Day : 23	15
0413_03	3 ppm	Day : 3	14
0413_03	3 ppm	Day : 23	16
0414_03	3 ppm	Day : 3	15
0414_03	3 ppm	Day : 23	15
0415_03	3 ppm	Day : 3	13
0415_03	3 ppm	Day : 23	15
0416_03	3 ppm	Day : 3	12
0416_03	3 ppm	Day : 23	15
0417_03	3 ppm	Day : 3	15
0417_03	3 ppm	Day : 23	14
0418_03	3 ppm	Day : 3	12
0418_03	3 ppm	Day : 23	14
0419_03	3 ppm	Day : 3	15
0419_03	3 ppm	Day : 23	15

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:07:58

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0420_03	3 ppm	Day : 3	15
0420_03	3 ppm	Day : 23	11
0601_03	6 ppm	Week : 13	23
0602_03	6 ppm	Week : 13	40
0603_03	6 ppm	Week : 13	19
0604_03	6 ppm	Week : 13	20
0605_03	6 ppm	Week : 13	21
0606_03	6 ppm	Week : 13	24
0607_03	6 ppm	Week : 13	21
0608_03	6 ppm	Week : 13	39
0609_03	6 ppm	Week : 13	27
0610_03	6 ppm	Week : 13	19
0611_03	6 ppm	Day : 3	17
0611_03	6 ppm	Day : 23	14
0612_03	6 ppm	Day : 3	14
0612_03	6 ppm	Day : 23	16
0613_03	6 ppm	Day : 3	16
0613_03	6 ppm	Day : 23	14
0614_03	6 ppm	Day : 3	17
0614_03	6 ppm	Day : 23	17
0615_03	6 ppm	Day : 3	16
0615_03	6 ppm	Day : 23	19

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:07:59

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0616_03	6 ppm	Day : 3	17
0616_03	6 ppm	Day : 23	16
0617_03	6 ppm	Day : 3	17
0617_03	6 ppm	Day : 23	14
0618_03	6 ppm	Day : 3	18
0618_03	6 ppm	Day : 23	16
0619_03	6 ppm	Day : 3	20
0619_03	6 ppm	Day : 23	18
0620_03	6 ppm	Day : 3	17
0620_03	6 ppm	Day : 23	13
0801_03	12 ppm	Week : 13	31
0802_03	12 ppm	Week : 13	22
0803_03	12 ppm	Week : 13	20
0804_03	12 ppm	Week : 13	25
0805_03	12 ppm	Week : 13	18
0806_03	12 ppm	Week : 13	20
0807_03	12 ppm	Week : 13	23
0808_03	12 ppm	Week : 13	23
0809_03	12 ppm	Week : 13	22
0810_03	12 ppm	Week : 13	23
0811_03	12 ppm	Day : 3	21
0811_03	12 ppm	Day : 23	21

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:07:59

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0812_03	12 ppm	Day : 3	19
0812_03	12 ppm	Day : 23	17
0813_03	12 ppm	Day : 3	19
0813_03	12 ppm	Day : 23	15
0814_03	12 ppm	Day : 3	18
0814_03	12 ppm	Day : 23	18
0815_03	12 ppm	Day : 3	20
0815_03	12 ppm	Day : 23	22
0816_03	12 ppm	Day : 3	19
0816_03	12 ppm	Day : 23	14
0817_03	12 ppm	Day : 3	20
0817_03	12 ppm	Day : 23	15
0818_03	12 ppm	Day : 3	22
0818_03	12 ppm	Day : 23	12
0819_03	12 ppm	Day : 3	20
0819_03	12 ppm	Day : 23	18
0820_03	12 ppm	Day : 3	19
0820_03	12 ppm	Day : 23	23
1001_03	24 ppm	Week : 13	21
1002_03	24 ppm	Week : 13	19
1003_03	24 ppm	Week : 13	22
1004_03	24 ppm	Week : 13	20

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:07:59

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
1005_03	24 ppm	Week : 13	16
1006_03	24 ppm	Week : 13	24
1007_03	24 ppm	Week : 13	23
1008_03	24 ppm	Week : 13	19
1009_03	24 ppm	Week : 13	39
1010_03	24 ppm	Week : 13	18
1011_03	24 ppm	Day : 3	18
1011_03	24 ppm	Day : 23	15
1012_03	24 ppm	Day : 3	18
1012_03	24 ppm	Day : 23	22
1013_03	24 ppm	Day : 3	20
1013_03	24 ppm	Day : 23	16
1014_03	24 ppm	Day : 3	17
1014_03	24 ppm	Day : 23	21
1015_03	24 ppm	Day : 3	17
1015_03	24 ppm	Day : 23	16
1016_03	24 ppm	Day : 3	24
1016_03	24 ppm	Day : 23	20
1017_03	24 ppm	Day : 3	23
1017_03	24 ppm	Day : 23	15
1018_03	24 ppm	Day : 3	21
1018_03	24 ppm	Day : 23	19

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:07:59

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
1019_03	24 ppm	Day : 3	23
1019_03	24 ppm	Day : 23	19
1020_03	24 ppm	Day : 3	25
1020_03	24 ppm	Day : 23	13

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:07:59

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0101_03	0 ppm	Week : 13	4.4	1.47	443	44
0102_03	0 ppm	Week : 13	4.2	1.31	386	49
0103_03	0 ppm	Week : 13	4.1	1.46	378	32
0104_03	0 ppm	Week : 13	4.2	1.35	422	46
0105_03	0 ppm	Week : 13	4.2	1.5	402	44
0106_03	0 ppm	Week : 13	4.2	1.31	370	54
0107_03	0 ppm	Week : 13	4.3	1.48	385	40
0108_03	0 ppm	Week : 13	4.4	1.33	417	49
0109_03	0 ppm	Week : 13	4.2	1.27	387	44
0110_03	0 ppm	Week : 13	4.6	1.44	453	54
0111_03	0 ppm	Day : 3	3.5	1.7	836	42
0111_03	0 ppm	Day : 23	3.8	1.7	408	29
0112_03	0 ppm	Day : 3	3.7	1.6	826	51
0112_03	0 ppm	Day : 23	3.6	1.4	466	30
0113_03	0 ppm	Day : 3	3.7	1.5	839	42
0113_03	0 ppm	Day : 23	3.6	1.3	487	34
0114_03	0 ppm	Day : 3	3.6	1.5	913	44
0114_03	0 ppm	Day : 23	3.9	1.4	463	37
0115_03	0 ppm	Day : 3	3.5	1.5	738	40
0115_03	0 ppm	Day : 23	3.8	1.4	458	27
0116_03	0 ppm	Day : 3	3.3	1.7	693	31
0116_03	0 ppm	Day : 23	3.8	1.6	407	34

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0117_03	0 ppm	Day : 3	3.4	1.5	1430	43
0117_03	0 ppm	Day : 23	3.9	1.6	948	31
0118_03	0 ppm	Day : 3	3.4	1.7	847	34
0118_03	0 ppm	Day : 23	4	1.9	461	28
0119_03	0 ppm	Day : 3	3.2	1.6	763	33
0119_03	0 ppm	Day : 23	4	1.7	422	30
0120_03	0 ppm	Day : 3	3.5	1.8	726	32
0120_03	0 ppm	Day : 23	3.9	1.6	413	34
0301_03	1.5 ppm	Week : 13	4.5	1.61	377	35
0302_03	1.5 ppm	Week : 13	4.4	1.57	377	57
0303_03	1.5 ppm	Week : 13	4.1	1.37	421	47
0304_03	1.5 ppm	Week : 13	4.5	1.45	391	53
0305_03	1.5 ppm	Week : 13	4	1.38	320	42
0306_03	1.5 ppm	Week : 13	4.2	1.62	413	47
0307_03	1.5 ppm	Week : 13	4.4	1.57	384	48
0308_03	1.5 ppm	Week : 13	4.3	1.26	370	44
0309_03	1.5 ppm	Week : 13	4.2	1.45	323	48
0310_03	1.5 ppm	Week : 13	4	1.38	391	36
0311_03	1.5 ppm	Day : 3	3.8	1.5	735	38
0311_03	1.5 ppm	Day : 23	4	1.7	395	35
0312_03	1.5 ppm	Day : 3	3.5	1.5	721	37
0312_03	1.5 ppm	Day : 23	4.2	2.1	348	41

Experiment Number: 05208-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 13:07:59

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0313_03	1.5 ppm	Day : 3	3.5	1.7	1413	45
0313_03	1.5 ppm	Day : 23	3.6	1.5	804	32
0314_03	1.5 ppm	Day : 3	3.5	1.4	790	40
0314_03	1.5 ppm	Day : 23	4	1.7	434	31
0315_03	1.5 ppm	Day : 3	3.6	1.6	763	43
0315_03	1.5 ppm	Day : 23	3.6	1.6	501	38
0316_03	1.5 ppm	Day : 3	4.1	1.8	901	48
0316_03	1.5 ppm	Day : 23	4	2.1	501	37
0317_03	1.5 ppm	Day : 3	3.8	1.9	771	40
0317_03	1.5 ppm	Day : 23	3.8	1.6	450	34
0318_03	1.5 ppm	Day : 3	3.6	1.6	658	39
0318_03	1.5 ppm	Day : 23	3.9	1.6	488	33
0319_03	1.5 ppm	Day : 3	3.8	1.7	712	41
0319_03	1.5 ppm	Day : 23	3.9	1.6	409	28
0320_03	1.5 ppm	Day : 3	3.8	1.7	739	38
0320_03	1.5 ppm	Day : 23	4	1.7	402	31
0501_03	3 ppm	Week : 13	4.3	1.59	282	50
0502_03	3 ppm	Week : 13	4.7	1.47	424	68
0503_03	3 ppm	Week : 13	4.1	1.24	406	42
0504_03	3 ppm	Week : 13	4.1	1.14	294	66
0506_03	3 ppm	Week : 13	4.5	1.61	388	35
0507_03	3 ppm	Week : 13	3.9	1.26	357	60

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:07:59

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0508_03	3 ppm	Week : 13	4.1	1.52	371	36
0509_03	3 ppm	Week : 13	4.6	1.59	328	51
0510_03	3 ppm	Week : 13	4.3	1.43	374	34
0511_03	3 ppm	Day : 3	3.2	1.5	656	40
0511_03	3 ppm	Day : 23	4	1.8	417	31
0512_03	3 ppm	Day : 3	3.4	1.5	779	38
0512_03	3 ppm	Day : 23	4.1	1.9	435	32
0513_03	3 ppm	Day : 3	3.6	1.6	773	41
0513_03	3 ppm	Day : 23	3.9	1.3	420	38
0514_03	3 ppm	Day : 3	3.8	1.8	706	42
0514_03	3 ppm	Day : 23	3.7	1.7	310	31
0515_03	3 ppm	Day : 3	3.7	1.6	709	38
0515_03	3 ppm	Day : 23	4	1.6	357	31
0516_03	3 ppm	Day : 3	3.7	1.9	695	39
0516_03	3 ppm	Day : 23	3.9	1.4	357	41
0517_03	3 ppm	Day : 3	3.7	1.6	751	44
0517_03	3 ppm	Day : 23	4.1	2	428	28
0518_03	3 ppm	Day : 3	3.9	2.2	768	40
0518_03	3 ppm	Day : 23	4.1	2	400	35
0519_03	3 ppm	Day : 3	3.9	1.9	662	41
0519_03	3 ppm	Day : 23	3.9	1.9	398	31
0520_03	3 ppm	Day : 3	3.9	1.9	857	37

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0520_03	3 ppm	Day : 23	3.9	1.8	372	25
0701_03	6 ppm	Week : 13	4.3	1.3	289	50
0702_03	6 ppm	Week : 13	4.6	1.64	397	38
0703_03	6 ppm	Week : 13	4.6	1.7	293	51
0704_03	6 ppm	Week : 13	4.4	1.57	291	37
0705_03	6 ppm	Week : 13	4.2	1.4	357	43
0706_03	6 ppm	Week : 13	4	1.48	350	43
0707_03	6 ppm	Week : 13	4.3	1.54	430	45
0708_03	6 ppm	Week : 13	4.3	1.65	341	45
0709_03	6 ppm	Week : 13	4	1.6	306	43
0710_03	6 ppm	Week : 13	4.5	1.67	369	42
0711_03	6 ppm	Day : 3	3.9	2.1	802	40
0711_03	6 ppm	Day : 23	3.8	1.4	449	30
0712_03	6 ppm	Day : 3	3.7	1.9	854	43
0712_03	6 ppm	Day : 23	3.8	1.6	426	31
0713_03	6 ppm	Day : 3	4	2.1	691	42
0713_03	6 ppm	Day : 23	3.6	1.5	364	34
0714_03	6 ppm	Day : 3	3.6	1.8	734	39
0714_03	6 ppm	Day : 23	4.1	2.1	372	30
0715_03	6 ppm	Day : 3	3.9	1.9	723	51
0715_03	6 ppm	Day : 23	3.9	1.9	391	33
0716_03	6 ppm	Day : 3	3.9	1.9	597	35

Experiment Number: 05208-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 13:07:59

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0716_03	6 ppm	Day : 23	4.1	2.1	382	29
0717_03	6 ppm	Day : 3	3.8	2	570	32
0717_03	6 ppm	Day : 23	4.1	1.5	389	29
0718_03	6 ppm	Day : 3	3.7	1.9	639	37
0718_03	6 ppm	Day : 23	4	1.7	373	30
0719_03	6 ppm	Day : 3	3.9	1.9	598	38
0719_03	6 ppm	Day : 23	3.8	1.5	324	35
0720_03	6 ppm	Day : 3	3.8	2	674	38
0720_03	6 ppm	Day : 23	3.8	1.7	406	26
0901_03	12 ppm	Week : 13	4.5	1.73	376	37
0902_03	12 ppm	Week : 13	4.3	1.79	288	37
0903_03	12 ppm	Week : 13	4.4	1.47	295	41
0904_03	12 ppm	Week : 13	4.5	1.61	381	45
0905_03	12 ppm	Week : 13	3.7	1.19	290	31
0906_03	12 ppm	Week : 13	4.5	1.73	386	32
0907_03	12 ppm	Week : 13	4.2	1.56	296	42
0908_03	12 ppm	Week : 13	4.5	1.67	341	48
0909_03	12 ppm	Week : 13	4.4	1.52	313	36
0910_03	12 ppm	Week : 13	4.4	1.63	386	39
0911_03	12 ppm	Day : 3	3.7	2.3	668	39
0911_03	12 ppm	Day : 23	4	2.2	350	34
0912_03	12 ppm	Day : 3	4.1	2.2	563	35

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0912_03	12 ppm	Day : 23	4	2.1	350	33
0913_03	12 ppm	Day : 3	3.9	2.1	710	42
0913_03	12 ppm	Day : 23	3.6	1.5	386	30
0914_03	12 ppm	Day : 3	4	2	624	40
0914_03	12 ppm	Day : 23	3.6	1.4	323	23
0915_03	12 ppm	Day : 3	3.5	1.6	628	38
0915_03	12 ppm	Day : 23	3.8	1.5	303	32
0916_03	12 ppm	Day : 3	3.2	1.4	748	41
0916_03	12 ppm	Day : 23	4.3	1.8	411	35
0917_03	12 ppm	Day : 3	3.4	1.6	752	44
0917_03	12 ppm	Day : 23	3.8	1.5	408	31
0918_03	12 ppm	Day : 3	3.5	1.8	704	36
0918_03	12 ppm	Day : 23	3.9	1.6	332	32
0919_03	12 ppm	Day : 3	3.4	1.6	708	37
0919_03	12 ppm	Day : 23	4.1	2.1	389	34
0920_03	12 ppm	Day : 3	3.3	1.7	649	32
0920_03	12 ppm	Day : 23	4	1.7	388	30
1101_03	24 ppm	Week : 13	4.5	1.73	239	36
1102_03	24 ppm	Week : 13	4.3	1.65	237	27
1103_03	24 ppm	Week : 13	4.3	1.72	250	28
1104_03	24 ppm	Week : 13	4.3	1.39	270	46
1105_03	24 ppm	Week : 13	4.2	1.75	290	32

Experiment Number: 05208-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
1106_03	24 ppm	Week : 13	3.9	1.56	222	36
1107_03	24 ppm	Week : 13	4.1	1.52	257	37
1108_03	24 ppm	Week : 13	4.2	1.91	258	41
1109_03	24 ppm	Week : 13	4.3	1.87	244	29
1110_03	24 ppm	Week : 13	4.5	1.55	383	47
1111_03	24 ppm	Day : 3	3.3	1.6	684	48
1111_03	24 ppm	Day : 23	3.7	1.5	356	33
1112_03	24 ppm	Day : 3	3.5	1.7	619	37
1113_03	24 ppm	Day : 3	3.4	1.5	684	40
1113_03	24 ppm	Day : 23	4	2.2	323	28
1114_03	24 ppm	Day : 3	3.6	1.6	671	40
1114_03	24 ppm	Day : 23	4	2.1	304	40
1115_03	24 ppm	Day : 3	3.3	1.4	656	35
1115_03	24 ppm	Day : 23	3.9	1.9	379	30
1116_03	24 ppm	Day : 3	3.4	1.6	525	35
1116_03	24 ppm	Day : 23	4.1	2.2	361	34
1117_03	24 ppm	Day : 3	3.6	1.7	677	48
1117_03	24 ppm	Day : 23	3.9	1.6	405	33
1118_03	24 ppm	Day : 3	3.7	1.9	728	44
1118_03	24 ppm	Day : 23	4.1	2.3	363	35
1119_03	24 ppm	Day : 3	3.7	1.8	507	37
1120_03	24 ppm	Day : 3	3.7	1.9	664	38

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
1120_03	24 ppm	Day : 23	3.8	1.6	388	32

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	Bilirubin Direct mg per dL	Bilirubin Total mg per dL	BUN mg per dL
0101_03	0 ppm	Week : 13	14	0.02	0.07	21
0102_03	0 ppm	Week : 13	21	0.01	0.05	17
0103_03	0 ppm	Week : 13	12	0.01	0.08	21
0104_03	0 ppm	Week : 13	11	0.02	0.18	19
0105_03	0 ppm	Week : 13	21	0.01	0.04	18
0106_03	0 ppm	Week : 13	50	0.05	0.09	17
0107_03	0 ppm	Week : 13	11	0.06	0.16	23
0108_03	0 ppm	Week : 13	23	0	0.1	23
0109_03	0 ppm	Week : 13	26	0	0.08	18
0110_03	0 ppm	Week : 13	33	0.07	0.24	22
0111_03	0 ppm	Day : 3	19	0.06	0.19	13
0111_03	0 ppm	Day : 23	15	0.01	0.18	13
0112_03	0 ppm	Day : 3	20	0.05	0.09	13
0112_03	0 ppm	Day : 23	27	0.05	0.17	14
0113_03	0 ppm	Day : 3	19	0.01	0.18	14
0113_03	0 ppm	Day : 23	24	0.06	0.17	15
0114_03	0 ppm	Day : 3	13	0.05	0.14	15
0114_03	0 ppm	Day : 23	16	0.04	0.15	18
0115_03	0 ppm	Day : 3	14	0.05	0.09	12
0115_03	0 ppm	Day : 23	16	0.04	0.14	16
0116_03	0 ppm	Day : 3	15	0.05	0.28	20
0116_03	0 ppm	Day : 23	17	0.04	0.18	16

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	Bilirubin Direct mg per dL	Bilirubin Total mg per dL	BUN mg per dL
0117_03	0 ppm	Day : 3	20	0.23*	0.48	19
0117_03	0 ppm	Day : 23	17	0.02	0.11	14
0118_03	0 ppm	Day : 3	13	0.04	0.25	19
0118_03	0 ppm	Day : 23	19	0.01	0.17	14
0119_03	0 ppm	Day : 3	12	0	0.21	16
0119_03	0 ppm	Day : 23	33	0.02	0.15	17
0120_03	0 ppm	Day : 3	13	0.06	0.32	20
0120_03	0 ppm	Day : 23	15	0.05	0.15	14
0301_03	1.5 ppm	Week : 13	14	0.01	0.26	19
0302_03	1.5 ppm	Week : 13	13	0.1	0.24	24
0303_03	1.5 ppm	Week : 13	47	0.08	0.17	22
0304_03	1.5 ppm	Week : 13	20	0.07	0.17	21
0305_03	1.5 ppm	Week : 13	24	0.02	0.12	19
0306_03	1.5 ppm	Week : 13	23	0.06	0.15	23
0307_03	1.5 ppm	Week : 13	40	0.1	0.3	22
0308_03	1.5 ppm	Week : 13	23	0.03	0.05	17
0309_03	1.5 ppm	Week : 13	25	0.02	0.11	17
0310_03	1.5 ppm	Week : 13	30	0.06	0.29	21
0311_03	1.5 ppm	Day : 3	29	0.11	0.16	16
0311_03	1.5 ppm	Day : 23	15	0.07	0.15	14
0312_03	1.5 ppm	Day : 3	15	0.05	0.11	12
0312_03	1.5 ppm	Day : 23	20	0.02	0.18	14

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	Bilirubin Direct mg per dL	Bilirubin Total mg per dL	BUN mg per dL
0312_03	1.5 ppm	Day : 23	20	0.02	0.18	14
0313_03	1.5 ppm	Day : 3	20	0.06	0.07	11
0313_03	1.5 ppm	Day : 23	13	0.01	0.13	10
0314_03	1.5 ppm	Day : 3	19	0.02	0.16	12
0314_03	1.5 ppm	Day : 23	33	0.03	0.15	14
0315_03	1.5 ppm	Day : 3	31	0.07	0.12	15
0315_03	1.5 ppm	Day : 23	36	0.1	0.21	13
0316_03	1.5 ppm	Day : 3	48	0.13	0.19	14
0316_03	1.5 ppm	Day : 23	19	0.02	0.16	16
0317_03	1.5 ppm	Day : 3	20	0.03	0.09	14
0317_03	1.5 ppm	Day : 23	18	0.05	0.14	17
0318_03	1.5 ppm	Day : 3	14	0.05	0.18	11
0318_03	1.5 ppm	Day : 23	20	0.11	0.17	15
0319_03	1.5 ppm	Day : 3	26	0.07	0.19	17
0319_03	1.5 ppm	Day : 23	15	0.07	0.19	15
0320_03	1.5 ppm	Day : 3	21	0.04	0.09	13
0320_03	1.5 ppm	Day : 23	17	0.05	0.19	14
0501_03	3 ppm	Week : 13	23	0.01	0.06	18
0502_03	3 ppm	Week : 13	23	0.06	0.18	22
0503_03	3 ppm	Week : 13	17	0.09	0.14	22
0504_03	3 ppm	Week : 13	39	0.01	0.07	17
0506_03	3 ppm	Week : 13	27	0.02	0.25	21

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	Bilirubin Direct mg per dL	Bilirubin Total mg per dL	BUN mg per dL
0507_03	3 ppm	Week : 13	14	0.01	0.27	20
0508_03	3 ppm	Week : 13	19	0.07	0.25	24
0509_03	3 ppm	Week : 13	13	0.06	0.29	18
0510_03	3 ppm	Week : 13	33	0.06	0.12	22
0511_03	3 ppm	Day : 3	16	0.04	0.15	13
0511_03	3 ppm	Day : 23	17	0.07	0.22	17
0512_03	3 ppm	Day : 3	18	0.04	0.14	14
0512_03	3 ppm	Day : 23	23	0.07	0.23	18
0513_03	3 ppm	Day : 3	15	0.02	0.16	13
0513_03	3 ppm	Day : 23	15	0.07	0.22	16
0514_03	3 ppm	Day : 3	18	0.05	0.16	17
0514_03	3 ppm	Day : 23	21	0.07	0.19	15
0515_03	3 ppm	Day : 3	22	0.09	0.17	16
0515_03	3 ppm	Day : 23	18	0	0.21	18
0516_03	3 ppm	Day : 3	12	0.03	0.18	12
0516_03	3 ppm	Day : 23	18	0.08	0.18	18
0517_03	3 ppm	Day : 3	17	0.06	0.22	13
0517_03	3 ppm	Day : 23	17	0.01	0.2	12
0518_03	3 ppm	Day : 3	20	0.04	0.19	14
0518_03	3 ppm	Day : 23	21	0	0.19	13
0519_03	3 ppm	Day : 3	24	0.02	0.12	13
0519_03	3 ppm	Day : 23	20	0.09	0.21	15

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	Bilirubin Direct mg per dL	Bilirubin Total mg per dL	BUN mg per dL
0519_03	3 ppm	Day : 23	20	0.09	0.21	15
0520_03	3 ppm	Day : 3	17	0.05	0.21	16
0520_03	3 ppm	Day : 23	18	0.01	0.18	16
0701_03	6 ppm	Week : 13	64	0.09	0.24	17
0702_03	6 ppm	Week : 13	25	0.05	0.16	22
0703_03	6 ppm	Week : 13	17	0	0.13	17
0704_03	6 ppm	Week : 13	31	0.06	0.16	20
0705_03	6 ppm	Week : 13	22	0.04	0.13	19
0706_03	6 ppm	Week : 13	32	0.03	0.27	20
0707_03	6 ppm	Week : 13	20	0.09	0.19	22
0708_03	6 ppm	Week : 13	28	0.07	0.26	19
0709_03	6 ppm	Week : 13	82	0.06	0.12	22
0710_03	6 ppm	Week : 13	21	0.04	0.1	18
0711_03	6 ppm	Day : 3	29	0.09	0.25	11
0711_03	6 ppm	Day : 23	24	0.07	0.17	14
0712_03	6 ppm	Day : 3	21	0.04	0.21	13
0712_03	6 ppm	Day : 23	18	0.07	0.22	13
0713_03	6 ppm	Day : 3	21	0.03	0.17	14
0713_03	6 ppm	Day : 23	20	0.05	0.2	13
0714_03	6 ppm	Day : 3	18	0.06	0.22	11
0714_03	6 ppm	Day : 23	20	0.07	0.23	12
0715_03	6 ppm	Day : 3	45	0.07	0.25	18

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	Bilirubin Direct mg per dL	Bilirubin Total mg per dL	BUN mg per dL
0715_03	6 ppm	Day : 23	22	0.02	0.21	11
0716_03	6 ppm	Day : 3	21	0.08	0.22	15
0716_03	6 ppm	Day : 23	26	0.02	0.23	13
0717_03	6 ppm	Day : 3	17	0.05	0.23	17
0717_03	6 ppm	Day : 23	15	0.12	0.23	19
0718_03	6 ppm	Day : 3	16	0.01	0.19	13
0718_03	6 ppm	Day : 23	19	0.07	0.18	15
0719_03	6 ppm	Day : 3	19	0.01	0.15	13
0719_03	6 ppm	Day : 23	20	0.07	0.22	14
0720_03	6 ppm	Day : 3	16	0.01	0.21	15
0720_03	6 ppm	Day : 23	17	0.01	0.22	18
0901_03	12 ppm	Week : 13	20	0.17	0.29	21
0902_03	12 ppm	Week : 13	43	0.08	0.34	18
0903_03	12 ppm	Week : 13	23	0.1	0.24	20
0904_03	12 ppm	Week : 13	43	0.15	0.39	22
0905_03	12 ppm	Week : 13	31	0.09	0.22	15
0906_03	12 ppm	Week : 13	16	0.11	0.3	22
0907_03	12 ppm	Week : 13	18	0.03	0.16	16
0908_03	12 ppm	Week : 13	20	0.12	0.21	21
0909_03	12 ppm	Week : 13	24	0.15	0.27	17
0910_03	12 ppm	Week : 13	17	0.1	0.2	20
0911_03	12 ppm	Day : 3	27	0.03	0.16	15

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	Bilirubin Direct mg per dL	Bilirubin Total mg per dL	BUN mg per dL
0911_03	12 ppm	Day : 3	27	0.03	0.16	15
0911_03	12 ppm	Day : 23	25	0.05	0.28	12
0912_03	12 ppm	Day : 3	27	0.07	0.24	16
0912_03	12 ppm	Day : 23	19	0.06	0.29	13
0913_03	12 ppm	Day : 3	26	0.06	0.21	16
0913_03	12 ppm	Day : 23	24	0.13	0.27	12
0914_03	12 ppm	Day : 3	23	0.03	0.19	17
0914_03	12 ppm	Day : 23	20	0.09	0.22	14
0915_03	12 ppm	Day : 3	24	0.04	0.23	15
0915_03	12 ppm	Day : 23	27	0.13	0.31	14
0916_03	12 ppm	Day : 3	20	0.02	0.25	15
0916_03	12 ppm	Day : 23	24	0.13	0.3	17
0917_03	12 ppm	Day : 3	29	0.04	0.27	15
0917_03	12 ppm	Day : 23	21	0.15	0.28	15
0918_03	12 ppm	Day : 3	16	0.01	0.25	13
0918_03	12 ppm	Day : 23	25	0.12	0.26	16
0919_03	12 ppm	Day : 3	23	0.03	0.26	14
0919_03	12 ppm	Day : 23	31	0.14	0.33	14
0920_03	12 ppm	Day : 3	19	0.03	0.25	12
0920_03	12 ppm	Day : 23	23	0.12	0.3	14
1101_03	24 ppm	Week : 13	25	0.22	0.6	17
1102_03	24 ppm	Week : 13	39	0.29	0.53	16

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	Bilirubin Direct mg per dL	Bilirubin Total mg per dL	BUN mg per dL
1103_03	24 ppm	Week : 13	29	0.24	0.44	22
1104_03	24 ppm	Week : 13	48	0.16	0.49	20
1105_03	24 ppm	Week : 13	16	0.11	0.29	15
1106_03	24 ppm	Week : 13	20	0.2	0.52	16
1107_03	24 ppm	Week : 13	31	0.29	0.52	15
1108_03	24 ppm	Week : 13	15	0.13	0.47	15
1109_03	24 ppm	Week : 13	45	0.24	0.63	16
1110_03	24 ppm	Week : 13	28	0.21	0.36	17
1111_03	24 ppm	Day : 3		0.05	0.29	14
1111_03	24 ppm	Day : 23	23	0.12	0.26	15
1112_03	24 ppm	Day : 3	25	0.07	0.3	14
1113_03	24 ppm	Day : 3	22	0.05	0.27	14
1113_03	24 ppm	Day : 23	28	0.06	0.26	13
1114_03	24 ppm	Day : 3	21	0.03	0.27	14
1114_03	24 ppm	Day : 23	29	0.07	0.31	11
1115_03	24 ppm	Day : 3	21	0.07	0.32	16
1115_03	24 ppm	Day : 23	22	0.08	0.28	14
1116_03	24 ppm	Day : 3	18	0.04	0.27	13
1116_03	24 ppm	Day : 23	38	0.08	0.29	15
1117_03	24 ppm	Day : 3	25	0.06	0.28	12
1117_03	24 ppm	Day : 23	28	0.15	0.26	12
1118_03	24 ppm	Day : 3	49	0.09	0.36	12

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	Bilirubin Direct mg per dL	Bilirubin Total mg per dL	BUN mg per dL
1118_03	24 ppm	Day : 3	49	0.09	0.36	12
1118_03	24 ppm	Day : 23	32	0.16	0.34	12
1119_03	24 ppm	Day : 3	23	0.07	0.33	14
1120_03	24 ppm	Day : 3	13	0.03	0.24	13
1120_03	24 ppm	Day : 23	22	0.13	0.27	12

Experiment Number: 05208-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Creatine Kinase IU per L	Creatinine U per L	Globulin g per dL	Protein Total g per dL
0101_03	0 ppm	Week : 13	209	0.7	3	7.4
0102_03	0 ppm	Week : 13	102	0.6	3.2	7.4
0103_03	0 ppm	Week : 13	332	0.8	2.8	6.9
0104_03	0 ppm	Week : 13	125	0.7	3.1	7.3
0105_03	0 ppm	Week : 13	131	0.5	2.8	7
0106_03	0 ppm	Week : 13	133	0.7	3.2	7.4
0107_03	0 ppm	Week : 13	132	0.7	2.9	7.2
0108_03	0 ppm	Week : 13	98	0.7	3.3	7.7
0109_03	0 ppm	Week : 13	77	0.7	3.3	7.5
0110_03	0 ppm	Week : 13	143	0.7	3.2	7.8
0111_03	0 ppm	Day : 3	239	0.5	2.1	5.6
0111_03	0 ppm	Day : 23	187	0.5	2.2	6
0112_03	0 ppm	Day : 3	288	0.5	2.3	6
0112_03	0 ppm	Day : 23	170	0.6	2.5	6.1
0113_03	0 ppm	Day : 3	351	0.5	2.4	6.1
0113_03	0 ppm	Day : 23	332	0.7	2.8	6.4
0114_03	0 ppm	Day : 3	273	0.5	2.4	6
0114_03	0 ppm	Day : 23	326	0.6	2.8	6.7
0115_03	0 ppm	Day : 3	346	0.5	2.3	5.8
0115_03	0 ppm	Day : 23	119	0.6	2.7	6.5
0116_03	0 ppm	Day : 3	180	0.6	1.9	5.2
0116_03	0 ppm	Day : 23	232	0.5	2.4	6.2

FEMALE

Animal No.	Dose	Time In Study	Creatine Kinase IU per L	Creatinine U per L	Globulin g per dL	Protein Total g per dL
0117_03	0 ppm	Day : 3	297	0.6	2.2	5.6
0117_03	0 ppm	Day : 23	277	0.6	2.4	6.3
0118_03	0 ppm	Day : 3	346	0.4	2	5.4
0118_03	0 ppm	Day : 23	232	0.6	2.1	6.1
0119_03	0 ppm	Day : 3	164	0.5	2	5.2
0119_03	0 ppm	Day : 23	138	0.6	2.3	6.3
0120_03	0 ppm	Day : 3	310	0.5	2	5.5
0120_03	0 ppm	Day : 23	229	0.5	2.4	6.3
0301_03	1.5 ppm	Week : 13	132	0.7	2.8	7.3
0302_03	1.5 ppm	Week : 13	45	0.7	2.8	7.2
0303_03	1.5 ppm	Week : 13	135	0.7	3	7.1
0304_03	1.5 ppm	Week : 13	97	0.6	3.1	7.6
0305_03	1.5 ppm	Week : 13	180	0.6	2.9	6.9
0306_03	1.5 ppm	Week : 13	186	0.7	2.6	6.8
0307_03	1.5 ppm	Week : 13	136	0.8	2.8	7.2
0308_03	1.5 ppm	Week : 13	84	0.7	3.4	7.7
0309_03	1.5 ppm	Week : 13	197	0.7	2.9	7.1
0310_03	1.5 ppm	Week : 13	131	0.7	2.9	6.9
0311_03	1.5 ppm	Day : 3	304	0.6	2.5	6.3
0311_03	1.5 ppm	Day : 23	379	0.5	2.3	6.3
0312_03	1.5 ppm	Day : 3	198	0.5	2.3	5.8
0312_03	1.5 ppm	Day : 23	156	0.5	2	6.2

Experiment Number: 05208-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Creatine Kinase IU per L	Creatinine U per L	Globulin g per dL	Protein Total g per dL
0313_03	1.5 ppm	Day : 3	278	0.5	2.1	5.6
0313_03	1.5 ppm	Day : 23	248	0.5	2.4	6
0314_03	1.5 ppm	Day : 3	275	0.5	2.5	6
0314_03	1.5 ppm	Day : 23	110	0.6	2.3	6.3
0315_03	1.5 ppm	Day : 3	750	0.6	2.3	5.9
0315_03	1.5 ppm	Day : 23	252	0.6	2.2	5.8
0316_03	1.5 ppm	Day : 3	394	0.6	2.3	6.4
0316_03	1.5 ppm	Day : 23	151	0.5	1.9	5.9
0317_03	1.5 ppm	Day : 3	270	0.6	2	5.8
0317_03	1.5 ppm	Day : 23	276	0.5	2.4	6.2
0318_03	1.5 ppm	Day : 3	249	0.5	2.2	5.8
0318_03	1.5 ppm	Day : 23	122	0.5	2.4	6.3
0319_03	1.5 ppm	Day : 3	352	0.5	2.3	6.1
0319_03	1.5 ppm	Day : 23	348	0.5	2.4	6.3
0320_03	1.5 ppm	Day : 3	321	0.5	2.3	6.1
0320_03	1.5 ppm	Day : 23	211	0.5	2.4	6.4
0501_03	3 ppm	Week : 13	96	0.6	2.7	7
0502_03	3 ppm	Week : 13	86	0.8	3.2	7.9
0503_03	3 ppm	Week : 13	79	0.7	3.3	7.4
0504_03	3 ppm	Week : 13	80	0.7	3.6	7.7
0506_03	3 ppm	Week : 13	123	0.8	2.8	7.3
0507_03	3 ppm	Week : 13	130	0.7	3.1	7

FEMALE

Animal No.	Dose	Time In Study	Creatine Kinase IU per L	Creatinine U per L	Globulin g per dL	Protein Total g per dL
0508_03	3 ppm	Week : 13	255	0.7	2.7	6.8
0509_03	3 ppm	Week : 13	273	0.7	2.9	7.5
0510_03	3 ppm	Week : 13	66	0.7	3	7.3
0511_03	3 ppm	Day : 3	456	0.4	2.2	5.4
0511_03	3 ppm	Day : 23	229	0.6	2.2	6.2
0512_03	3 ppm	Day : 3	224	0.4	2.3	5.7
0512_03	3 ppm	Day : 23	197	0.6	2.2	6.3
0513_03	3 ppm	Day : 3	342	0.5	2.2	5.8
0513_03	3 ppm	Day : 23	253	0.7	3	6.9
0514_03	3 ppm	Day : 3	282	0.6	2.1	5.9
0514_03	3 ppm	Day : 23	187	0.6	2.2	5.9
0515_03	3 ppm	Day : 3	265	0.6	2.3	6
0515_03	3 ppm	Day : 23	254	0.5	2.5	6.5
0516_03	3 ppm	Day : 3	272	0.5	1.9	5.6
0516_03	3 ppm	Day : 23	220	0.6	2.7	6.6
0517_03	3 ppm	Day : 3	323	0.5	2.3	6
0517_03	3 ppm	Day : 23	143	0.6	2.1	6.2
0518_03	3 ppm	Day : 3	362	0.5	1.8	5.7
0518_03	3 ppm	Day : 23	271	0.5	2.1	6.2
0519_03	3 ppm	Day : 3	663	0.5	2	5.9
0519_03	3 ppm	Day : 23	149	0.4	2.1	6
0520_03	3 ppm	Day : 3	303	0.5	2.1	6

FEMALE

Animal No.	Dose	Time In Study	Creatine Kinase IU per L	Creatinine U per L	Globulin g per dL	Protein Total g per dL
0520_03	3 ppm	Day : 23	167	0.5	2.2	6.1
0701_03	6 ppm	Week : 13	494	0.6	3.3	7.6
0702_03	6 ppm	Week : 13	97	0.7	2.8	7.4
0703_03	6 ppm	Week : 13	90	0.7	2.7	7.3
0704_03	6 ppm	Week : 13	87	0.5	2.8	7.2
0705_03	6 ppm	Week : 13	235	0.6	3	7.2
0706_03	6 ppm	Week : 13	102	0.6	2.7	6.7
0707_03	6 ppm	Week : 13	81	0.8	2.8	7.1
0708_03	6 ppm	Week : 13	148	0.7	2.6	6.9
0709_03	6 ppm	Week : 13	529	0.8	2.5	6.5
0710_03	6 ppm	Week : 13	47	0.7	2.7	7.2
0711_03	6 ppm	Day : 3	270	0.5	1.9	5.8
0711_03	6 ppm	Day : 23	250	0.6	2.7	6.5
0712_03	6 ppm	Day : 3	243	0.5	1.9	5.6
0712_03	6 ppm	Day : 23	161	0.5	2.4	6.2
0713_03	6 ppm	Day : 3	212	0.5	1.9	5.9
0713_03	6 ppm	Day : 23	279	0.6	2.4	6
0714_03	6 ppm	Day : 3	245	0.5	2	5.6
0714_03	6 ppm	Day : 23	98	0.6	2	6.1
0715_03	6 ppm	Day : 3	698	0.6	2	5.9
0715_03	6 ppm	Day : 23	200	0.6	2.1	6
0716_03	6 ppm	Day : 3	226	0.6	2.1	6

FEMALE

Animal No.	Dose	Time In Study	Creatine Kinase IU per L	Creatinine U per L	Globulin g per dL	Protein Total g per dL
0716_03	6 ppm	Day : 23	124	0.6	2	6.1
0717_03	6 ppm	Day : 3	191	0.6	1.9	5.7
0717_03	6 ppm	Day : 23	241	0.6	2.8	6.9
0718_03	6 ppm	Day : 3	288	0.5	1.9	5.6
0718_03	6 ppm	Day : 23	134	0.6	2.3	6.3
0719_03	6 ppm	Day : 3	215	0.6	2	5.9
0719_03	6 ppm	Day : 23	104	0.6	2.5	6.3
0720_03	6 ppm	Day : 3	247	0.4	1.9	5.7
0720_03	6 ppm	Day : 23	145	0.6	2.3	6.1
0901_03	12 ppm	Week : 13	57	0.7	2.6	7.1
0902_03	12 ppm	Week : 13	140	0.6	2.4	6.7
0903_03	12 ppm	Week : 13	155	0.8	3	7.4
0904_03	12 ppm	Week : 13	223	0.9	2.8	7.3
0905_03	12 ppm	Week : 13	84	0.7	3.1	6.8
0906_03	12 ppm	Week : 13	203	0.8	2.6	7.1
0907_03	12 ppm	Week : 13	250	0.6	2.7	6.9
0908_03	12 ppm	Week : 13	53	0.7	2.7	7.2
0909_03	12 ppm	Week : 13	116	0.7	2.9	7.3
0910_03	12 ppm	Week : 13	78	0.8	2.7	7.1
0911_03	12 ppm	Day : 3	207	0.5	1.6	5.3
0911_03	12 ppm	Day : 23	253	0.6	1.8	5.8
0912_03	12 ppm	Day : 3	241	0.5	1.9	6

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Creatine Kinase IU per L	Creatinine U per L	Globulin g per dL	Protein Total g per dL
0912_03	12 ppm	Day : 23	220	0.6	1.9	5.9
0913_03	12 ppm	Day : 3	279	0.5	1.9	5.8
0913_03	12 ppm	Day : 23	330	0.6	2.4	6
0914_03	12 ppm	Day : 3	192	0.5	2	6
0914_03	12 ppm	Day : 23	170	0.7	2.5	6.1
0915_03	12 ppm	Day : 3	183	0.6	2.2	5.7
0915_03	12 ppm	Day : 23	271	0.7	2.6	6.4
0916_03	12 ppm	Day : 3	280	0.6	2.3	5.5
0916_03	12 ppm	Day : 23	328	0.6	2.4	6.7
0917_03	12 ppm	Day : 3	340	0.5	2.1	5.5
0917_03	12 ppm	Day : 23	258	0.7	2.5	6.3
0918_03	12 ppm	Day : 3	277	0.6	2	5.5
0918_03	12 ppm	Day : 23	271	0.7	2.4	6.3
0919_03	12 ppm	Day : 3	242	0.6	2.1	5.5
0919_03	12 ppm	Day : 23	193	0.6	2	6.1
0920_03	12 ppm	Day : 3	226	0.6	2	5.3
0920_03	12 ppm	Day : 23	128	0.6	2.3	6.3
1101_03	24 ppm	Week : 13	363	0.9	2.6	7.1
1102_03	24 ppm	Week : 13	270	0.9	2.6	6.9
1103_03	24 ppm	Week : 13	225	0.7	2.5	6.8
1104_03	24 ppm	Week : 13	80	0.6	3.1	7.4
1105_03	24 ppm	Week : 13	69	0.7	2.4	6.6

FEMALE

Animal No.	Dose	Time In Study	Creatine Kinase IU per L	Creatinine U per L	Globulin g per dL	Protein Total g per dL
1106_03	24 ppm	Week : 13	67	0.7	2.5	6.4
1107_03	24 ppm	Week : 13	134	0.7	2.7	6.8
1108_03	24 ppm	Week : 13	87	0.7	2.2	6.4
1109_03	24 ppm	Week : 13	212	0.8	2.3	6.6
1110_03	24 ppm	Week : 13	132	0.6	2.9	7.4
1111_03	24 ppm	Day : 3	275	0.8	2.1	5.4
1111_03	24 ppm	Day : 23	259	0.7	2.5	6.2
1112_03	24 ppm	Day : 3	144	0.6	2.1	5.6
1113_03	24 ppm	Day : 3	133	0.5	2.3	5.7
1113_03	24 ppm	Day : 23	192	0.6	1.8	5.8
1114_03	24 ppm	Day : 3	637	0.5	2.2	5.8
1114_03	24 ppm	Day : 23	288	0.7	1.9	5.9
1115_03	24 ppm	Day : 3	185	0.5	2.4	5.7
1115_03	24 ppm	Day : 23	140	0.6	2	5.9
1116_03	24 ppm	Day : 3	180	0.6	2.1	5.5
1116_03	24 ppm	Day : 23	175	0.6	1.9	6
1117_03	24 ppm	Day : 3	310	0.6	2.1	5.7
1117_03	24 ppm	Day : 23	261	0.8	2.5	6.4
1118_03	24 ppm	Day : 3	298	0.7	2	5.7
1118_03	24 ppm	Day : 23	116	0.6	1.8	5.9
1119_03	24 ppm	Day : 3	174	0.6	2.1	5.8
1120_03	24 ppm	Day : 3	180	0.6	2	5.7

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Creatine Kinase IU per L	Creatinine U per L	Globulin g per dL	Protein Total g per dL
1120_03	24 ppm	Day : 23	392	0.8	2.4	6.2

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0101_03	0 ppm	Week : 13	20
0102_03	0 ppm	Week : 13	21
0103_03	0 ppm	Week : 13	16
0104_03	0 ppm	Week : 13	20
0105_03	0 ppm	Week : 13	20
0106_03	0 ppm	Week : 13	21
0107_03	0 ppm	Week : 13	17
0108_03	0 ppm	Week : 13	17
0109_03	0 ppm	Week : 13	18
0110_03	0 ppm	Week : 13	22
0111_03	0 ppm	Day : 3	17
0111_03	0 ppm	Day : 23	18
0112_03	0 ppm	Day : 3	15
0112_03	0 ppm	Day : 23	18
0113_03	0 ppm	Day : 3	14
0113_03	0 ppm	Day : 23	22
0114_03	0 ppm	Day : 3	15
0114_03	0 ppm	Day : 23	26
0115_03	0 ppm	Day : 3	15
0115_03	0 ppm	Day : 23	15
0116_03	0 ppm	Day : 3	14
0116_03	0 ppm	Day : 23	19

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0117_03	0 ppm	Day : 3	16
0117_03	0 ppm	Day : 23	20
0118_03	0 ppm	Day : 3	13
0118_03	0 ppm	Day : 23	19
0119_03	0 ppm	Day : 3	12
0119_03	0 ppm	Day : 23	18
0120_03	0 ppm	Day : 3	14
0120_03	0 ppm	Day : 23	23
0301_03	1.5 ppm	Week : 13	20
0302_03	1.5 ppm	Week : 13	19
0303_03	1.5 ppm	Week : 13	21
0304_03	1.5 ppm	Week : 13	20
0305_03	1.5 ppm	Week : 13	20
0306_03	1.5 ppm	Week : 13	19
0307_03	1.5 ppm	Week : 13	21
0308_03	1.5 ppm	Week : 13	18
0309_03	1.5 ppm	Week : 13	22
0310_03	1.5 ppm	Week : 13	15
0311_03	1.5 ppm	Day : 3	19
0311_03	1.5 ppm	Day : 23	20
0312_03	1.5 ppm	Day : 3	15
0312_03	1.5 ppm	Day : 23	21

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0313_03	1.5 ppm	Day : 3	14
0313_03	1.5 ppm	Day : 23	16
0314_03	1.5 ppm	Day : 3	16
0314_03	1.5 ppm	Day : 23	19
0315_03	1.5 ppm	Day : 3	11
0315_03	1.5 ppm	Day : 23	20
0316_03	1.5 ppm	Day : 3	16
0316_03	1.5 ppm	Day : 23	18
0317_03	1.5 ppm	Day : 3	18
0317_03	1.5 ppm	Day : 23	20
0318_03	1.5 ppm	Day : 3	16
0318_03	1.5 ppm	Day : 23	20
0319_03	1.5 ppm	Day : 3	15
0319_03	1.5 ppm	Day : 23	17
0320_03	1.5 ppm	Day : 3	16
0320_03	1.5 ppm	Day : 23	18
0501_03	3 ppm	Week : 13	19
0502_03	3 ppm	Week : 13	26
0503_03	3 ppm	Week : 13	23
0504_03	3 ppm	Week : 13	25
0506_03	3 ppm	Week : 13	21
0507_03	3 ppm	Week : 13	23

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0508_03	3 ppm	Week : 13	18
0509_03	3 ppm	Week : 13	19
0510_03	3 ppm	Week : 13	17
0511_03	3 ppm	Day : 3	15
0511_03	3 ppm	Day : 23	18
0512_03	3 ppm	Day : 3	14
0512_03	3 ppm	Day : 23	19
0513_03	3 ppm	Day : 3	17
0513_03	3 ppm	Day : 23	25
0514_03	3 ppm	Day : 3	16
0514_03	3 ppm	Day : 23	19
0515_03	3 ppm	Day : 3	17
0515_03	3 ppm	Day : 23	19
0516_03	3 ppm	Day : 3	20
0516_03	3 ppm	Day : 23	22
0517_03	3 ppm	Day : 3	18
0517_03	3 ppm	Day : 23	18
0518_03	3 ppm	Day : 3	15
0518_03	3 ppm	Day : 23	24
0519_03	3 ppm	Day : 3	15
0519_03	3 ppm	Day : 23	14
0520_03	3 ppm	Day : 3	14

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0520_03	3 ppm	Day : 23	15
0701_03	6 ppm	Week : 13	17
0702_03	6 ppm	Week : 13	21
0703_03	6 ppm	Week : 13	26
0704_03	6 ppm	Week : 13	18
0705_03	6 ppm	Week : 13	20
0706_03	6 ppm	Week : 13	21
0707_03	6 ppm	Week : 13	26
0708_03	6 ppm	Week : 13	22
0709_03	6 ppm	Week : 13	21
0710_03	6 ppm	Week : 13	22
0711_03	6 ppm	Day : 3	18
0711_03	6 ppm	Day : 23	20
0712_03	6 ppm	Day : 3	16
0712_03	6 ppm	Day : 23	23
0713_03	6 ppm	Day : 3	17
0713_03	6 ppm	Day : 23	18
0714_03	6 ppm	Day : 3	16
0714_03	6 ppm	Day : 23	21
0715_03	6 ppm	Day : 3	15
0715_03	6 ppm	Day : 23	22
0716_03	6 ppm	Day : 3	18

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0716_03	6 ppm	Day : 23	21
0717_03	6 ppm	Day : 3	18
0717_03	6 ppm	Day : 23	22
0718_03	6 ppm	Day : 3	18
0718_03	6 ppm	Day : 23	19
0719_03	6 ppm	Day : 3	18
0719_03	6 ppm	Day : 23	23
0720_03	6 ppm	Day : 3	17
0720_03	6 ppm	Day : 23	20
0901_03	12 ppm	Week : 13	18
0902_03	12 ppm	Week : 13	17
0903_03	12 ppm	Week : 13	24
0904_03	12 ppm	Week : 13	26
0905_03	12 ppm	Week : 13	19
0906_03	12 ppm	Week : 13	23
0907_03	12 ppm	Week : 13	25
0908_03	12 ppm	Week : 13	23
0909_03	12 ppm	Week : 13	20
0910_03	12 ppm	Week : 13	23
0911_03	12 ppm	Day : 3	19
0911_03	12 ppm	Day : 23	23
0912_03	12 ppm	Day : 3	18

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0912_03	12 ppm	Day : 23	25
0913_03	12 ppm	Day : 3	18
0913_03	12 ppm	Day : 23	19
0914_03	12 ppm	Day : 3	17
0914_03	12 ppm	Day : 23	23
0915_03	12 ppm	Day : 3	17
0915_03	12 ppm	Day : 23	22
0916_03	12 ppm	Day : 3	20
0916_03	12 ppm	Day : 23	26
0917_03	12 ppm	Day : 3	19
0917_03	12 ppm	Day : 23	27
0918_03	12 ppm	Day : 3	20
0918_03	12 ppm	Day : 23	22
0919_03	12 ppm	Day : 3	20
0919_03	12 ppm	Day : 23	22
0920_03	12 ppm	Day : 3	19
0920_03	12 ppm	Day : 23	22
1101_03	24 ppm	Week : 13	15
1102_03	24 ppm	Week : 13	23
1103_03	24 ppm	Week : 13	19
1104_03	24 ppm	Week : 13	39
1105_03	24 ppm	Week : 13	20

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
1106_03	24 ppm	Week : 13	18
1107_03	24 ppm	Week : 13	27
1108_03	24 ppm	Week : 13	22
1109_03	24 ppm	Week : 13	18
1110_03	24 ppm	Week : 13	26
1111_03	24 ppm	Day : 3	24
1111_03	24 ppm	Day : 23	31
1112_03	24 ppm	Day : 3	23
1113_03	24 ppm	Day : 3	21
1113_03	24 ppm	Day : 23	21
1114_03	24 ppm	Day : 3	20
1114_03	24 ppm	Day : 23	23
1115_03	24 ppm	Day : 3	25
1115_03	24 ppm	Day : 23	24
1116_03	24 ppm	Day : 3	22
1116_03	24 ppm	Day : 23	22
1117_03	24 ppm	Day : 3	23
1117_03	24 ppm	Day : 23	31
1118_03	24 ppm	Day : 3	22
1118_03	24 ppm	Day : 23	29
1119_03	24 ppm	Day : 3	28
1120_03	24 ppm	Day : 3	22

Experiment Number: 05208-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
------------	------	---------------	--------------

1120_03

24 ppm

Day : 23

25

** END OF REPORT **