

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:45:58

First Dose M/F: NA / NA

Lab: NA

C Number: C97008

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:45:58

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	Day : 93	4.7	2.1	311	100
0002_03	0 ppm	Day : 93	3.7	1.2	272	109
0003_03	0 ppm	Day : 93	3.6	1.1	274	109
0004_03	0 ppm	Day : 93	3.9	1.8	242	84
0005_03	0 ppm	Day : 93	3.8	1.1	253	82
0006_03	0 ppm	Day : 93	3.7	1.2	244	65
0007_03	0 ppm	Day : 93	3.8	1.3	281	72
0008_03	0 ppm	Day : 93	3.7	1.4	269	87
0009_03	0 ppm	Day : 93	3.9	1.7	263	89
0010_03	0 ppm	Day : 93	3.5	1.2	242	75
0011_03	0 ppm	Day : 3	3.5	2.1	859	63
0011_03	0 ppm	Day : 23	3.8	1.6	457	40
0012_03	0 ppm	Day : 3	3.5	1.8	743	54
0012_03	0 ppm	Day : 23	4.2	2.0	552	43
0013_03	0 ppm	Day : 3	3.8	1.9	696	60
0013_03	0 ppm	Day : 23	3.5	1.5	487	41
0014_03	0 ppm	Day : 3	3.7	1.6	722	49
0014_03	0 ppm	Day : 23	3.6	1.3	528	45
0015_03	0 ppm	Day : 3	3.4	1.8	790	61
0015_03	0 ppm	Day : 23	3.5	1.3	528	42
0016_03	0 ppm	Day : 3	4.1	2.6	913	57
0016_03	0 ppm	Day : 23	4.0	1.8	581	45

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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	3.7	1.9	814	54
0017_03	0 ppm	Day : 23	3.6	1.5	439	42
0018_03	0 ppm	Day : 3	3.9	2.3	814	62
0018_03	0 ppm	Day : 23	3.7	1.5	540	44
0019_03	0 ppm	Day : 3	3.8	1.9	785	62
0019_03	0 ppm	Day : 23	4.2	2.2	538	48
0020_03	0 ppm	Day : 3	3.8	1.9	750	50
0020_03	0 ppm	Day : 23	3.9	1.7	488	44
0201_03	4 ppm	Day : 93	4.0	1.6	310	90
0202_03	4 ppm	Day : 93	4.1	1.6	291	94
0203_03	4 ppm	Day : 93	3.8	1.4	270	97
0204_03	4 ppm	Day : 93	4.1	1.4	253	86
0205_03	4 ppm	Day : 93	3.6	1.1	238	83
0206_03	4 ppm	Day : 93	3.8	1.3	271	141
0207_03	4 ppm	Day : 93	3.9	1.7	283	154
0208_03	4 ppm	Day : 93	3.7	1.3	277	137
0209_03	4 ppm	Day : 93	3.5	1.1	280	81
0210_03	4 ppm	Day : 93	3.8	1.7	278	120
0211_03	4 ppm	Day : 3	3.8	2.1	739	53
0211_03	4 ppm	Day : 23	3.7	1.5	480	39
0212_03	4 ppm	Day : 3	3.4	2.0	792	58
0212_03	4 ppm	Day : 23	3.9	1.9	451	40

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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	4 ppm	Day : 3	3.4	1.5	776	57
0213_03	4 ppm	Day : 23	3.7	1.7	529	42
0214_03	4 ppm	Day : 3	3.7	1.9	760	52
0214_03	4 ppm	Day : 23	3.7	1.4	569	41
0215_03	4 ppm	Day : 3	3.7	1.9	778	61
0215_03	4 ppm	Day : 23	3.7	1.5	488	39
0216_03	4 ppm	Day : 3	3.6	1.8	847	65
0216_03	4 ppm	Day : 23	3.8	1.5	552	46
0217_03	4 ppm	Day : 3	3.5	1.7	731	56
0217_03	4 ppm	Day : 23	3.5	1.2	532	41
0218_03	4 ppm	Day : 3	3.6	1.6	802	54
0218_03	4 ppm	Day : 23	3.8	1.6	490	43
0219_03	4 ppm	Day : 3	3.9	2.2	750	57
0219_03	4 ppm	Day : 23	3.9	1.8	556	44
0220_03	4 ppm	Day : 3	3.8	2.0	772	52
0220_03	4 ppm	Day : 23	3.9	2.1	453	39
0401_03	8 ppm	Day : 93	4.0	1.7	294	82
0402_03	8 ppm	Day : 93	3.9	1.3	262	90
0403_03	8 ppm	Day : 93	4.2	1.5	290	102
0404_03	8 ppm	Day : 93	3.8	1.4	276	77
0405_03	8 ppm	Day : 93	4.0	1.4	268	73
0406_03	8 ppm	Day : 93	3.8	1.4	262	73

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0407_03	8 ppm	Day : 93	4.1	1.6	327	94
0408_03	8 ppm	Day : 93	4.2	1.4	267	81
0409_03	8 ppm	Day : 93	3.7	1.2	291	70
0410_03	8 ppm	Day : 93	4.1	1.7	303	81
0411_03	8 ppm	Day : 3	3.4	1.9	706	51
0411_03	8 ppm	Day : 23	3.8	1.6	519	39
0412_03	8 ppm	Day : 3	3.4	1.8	798	56
0412_03	8 ppm	Day : 23	3.9	1.8	585	40
0413_03	8 ppm	Day : 3	3.6	1.8	749	54
0413_03	8 ppm	Day : 23	3.8	1.7	527	36
0414_03	8 ppm	Day : 3	3.2	1.6	662	50
0414_03	8 ppm	Day : 23	4.0	2.0	442	37
0415_03	8 ppm	Day : 3	3.6	1.8	778	51
0415_03	8 ppm	Day : 23	4.0	2.0	498	38
0416_03	8 ppm	Day : 3	3.8	1.9	626	50
0416_03	8 ppm	Day : 23	3.7	1.4	512	43
0417_03	8 ppm	Day : 3	3.5	1.5	717	57
0417_03	8 ppm	Day : 23	4.0	2.0	521	39
0418_03	8 ppm	Day : 3	3.3	1.7	803	59
0418_03	8 ppm	Day : 23	3.8	1.7	564	40
0419_03	8 ppm	Day : 3	3.7	1.9	775	64
0419_03	8 ppm	Day : 23	4.4	2.4	479	39

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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
0420_03	8 ppm	Day : 3	3.4	1.8	978	55
0420_03	8 ppm	Day : 23	3.8	1.4	492	38
0601_03	16 ppm	Day : 93	3.9	1.5	315	81
0602_03	16 ppm	Day : 93	3.6	1.1	271	110
0603_03	16 ppm	Day : 93	3.8	1.5	282	145
0604_03	16 ppm	Day : 93	3.8	1.2	306	116
0605_03	16 ppm	Day : 93	3.5	1.1	297	78
0606_03	16 ppm	Day : 93	3.6	1.1	280	130
0607_03	16 ppm	Day : 93	3.9	1.4	243	95
0608_03	16 ppm	Day : 93	3.7	1.3	270	65
0609_03	16 ppm	Day : 93	4.0	1.4	291	92
0610_03	16 ppm	Day : 93	4.0	1.8	262	105
0611_03	16 ppm	Day : 3	3.3	1.8	770	56
0611_03	16 ppm	Day : 23	3.9	1.9	535	39
0612_03	16 ppm	Day : 3	3.5	1.8	686	50
0612_03	16 ppm	Day : 23	3.8	1.5	466	36
0613_03	16 ppm	Day : 3	3.8	2.1	690	50
0613_03	16 ppm	Day : 23	3.8	1.6	508	39
0614_03	16 ppm	Day : 3	3.6	2.1	797	55
0614_03	16 ppm	Day : 23	3.8	1.7	555	38
0615_03	16 ppm	Day : 3	3.5	1.8	714	51
0615_03	16 ppm	Day : 23	3.6	1.4	494	40

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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	16 ppm	Day : 3	3.7	1.7	651	48
0616_03	16 ppm	Day : 23	3.7	1.6	526	42
0617_03	16 ppm	Day : 3	3.5	1.8	784	54
0617_03	16 ppm	Day : 23	3.7	1.3	534	42
0618_03	16 ppm	Day : 3	3.8	2.0	660	51
0618_03	16 ppm	Day : 23	3.9	1.8	494	38
0619_03	16 ppm	Day : 3	3.9	2.1	636	40
0619_03	16 ppm	Day : 23	4.0	1.9	475	33
0620_03	16 ppm	Day : 3	3.6	2.1	733	54
0620_03	16 ppm	Day : 23	3.8	1.8	535	38
0801_03	32 ppm	Day : 93	3.8	1.3	266	76
0802_03	32 ppm	Day : 93	3.7	1.2	282	57
0803_03	32 ppm	Day : 93	3.9	1.3	304	72
0804_03	32 ppm	Day : 93	3.6	1.2	288	57
0805_03	32 ppm	Day : 93	3.8	1.3	267	58
0806_03	32 ppm	Day : 93	3.8	1.8	238	59
0807_03	32 ppm	Day : 93	3.9	1.3	266	80
0808_03	32 ppm	Day : 93	3.6	1.4	280	58
0809_03	32 ppm	Day : 93	4.0	1.7	255	98
0810_03	32 ppm	Day : 93	4.0	1.7	285	67
0811_03	32 ppm	Day : 3	3.8	1.9	660	46
0811_03	32 ppm	Day : 23	3.7	1.5	486	36

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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	32 ppm	Day : 3	3.5	1.8	707	51
0812_03	32 ppm	Day : 23	3.9	1.7	525	35
0813_03	32 ppm	Day : 3	3.7	2.2	792	51
0813_03	32 ppm	Day : 23	3.9	1.8	459	34
0814_03	32 ppm	Day : 3	3.5	2.1	907	66
0814_03	32 ppm	Day : 23	3.8	1.7	577	39
0815_03	32 ppm	Day : 3	4.0	2.1	688	52
0815_03	32 ppm	Day : 23	3.9	1.4	532	39
0816_03	32 ppm	Day : 3	3.5	1.8	721	52
0816_03	32 ppm	Day : 23	4.0	1.9	543	38
0817_03	32 ppm	Day : 3	4.0	2.2	721	51
0817_03	32 ppm	Day : 23	3.7	1.4	477	35
0818_03	32 ppm	Day : 3	3.5	1.7	844	58
0818_03	32 ppm	Day : 23	3.8	1.6	528	38
0819_03	32 ppm	Day : 3	3.8	2.2	639	50
0819_03	32 ppm	Day : 23	3.6	1.3	483	38
0820_03	32 ppm	Day : 3	3.9	2.8	762	50
0820_03	32 ppm	Day : 23	3.8	1.5	501	35
1001_03	64 ppm	Day : 93	3.7	1.2	263	53
1002_03	64 ppm	Day : 93	4.0	1.4	254	52
1003_03	64 ppm	Day : 93	4.3	1.5	249	64
1004_03	64 ppm	Day : 93	3.8	1.6	266	60

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Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
1005_03	64 ppm	Day : 93	3.7	1.1	256	65
1006_03	64 ppm	Day : 93	3.7	1.3	248	74
1007_03	64 ppm	Day : 93	3.7	1.2	251	66
1008_03	64 ppm	Day : 93	3.6	1.1	268	81
1009_03	64 ppm	Day : 93	4.4	1.6	235	111
1010_03	64 ppm	Day : 93	3.7	1.4	257	60
1011_03	64 ppm	Day : 3	3.6	1.9	759	45
1011_03	64 ppm	Day : 23	3.8	1.4	550	37
1012_03	64 ppm	Day : 3	3.8	2.4	832	60
1012_03	64 ppm	Day : 23	4.0	1.7	514	39
1013_03	64 ppm	Day : 3	3.7	1.9	789	49
1013_03	64 ppm	Day : 23	3.8	1.7	448	37
1014_03	64 ppm	Day : 3	4.0	2.2	736	60
1014_03	64 ppm	Day : 23	4.0	1.6	433	37
1015_03	64 ppm	Day : 3	3.6	2.3	859	50
1015_03	64 ppm	Day : 23	3.7	1.4	462	32
1016_03	64 ppm	Day : 3	3.6	2.0	731	49
1016_03	64 ppm	Day : 23	3.8	1.5	491	35
1017_03	64 ppm	Day : 3	3.9	2.3	806	52
1017_03	64 ppm	Day : 23	3.5	1.2	433	34
1018_03	64 ppm	Day : 3	3.7	2.6	746	55
1018_03	64 ppm	Day : 23	4.1	2.0	505	37

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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	64 ppm	Day : 3	3.6	1.8	686	49
1019_03	64 ppm	Day : 23	4.0	1.4	453	37
1020_03	64 ppm	Day : 3	3.6	1.9	637	45
1020_03	64 ppm	Day : 23	3.7	1.3	463	36

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Cholinesterase IU PER L	Creatine Kinase IU per L
0001_03	0 ppm	Day : 93	23.8	13	1110	124
0002_03	0 ppm	Day : 93	26.2	13	1039	115
0003_03	0 ppm	Day : 93	26.7	15	1080	100
0004_03	0 ppm	Day : 93	24.8	12	1193	200
0005_03	0 ppm	Day : 93	23.1	14	1113	55
0006_03	0 ppm	Day : 93	21.6	13	1177	84
0007_03	0 ppm	Day : 93	28.3	16	1020	211
0008_03	0 ppm	Day : 93	25.8	13	930	242
0009_03	0 ppm	Day : 93	22.9	14	978	102
0010_03	0 ppm	Day : 93	23.5	12	1070	68
0011_03	0 ppm	Day : 3	28.9	7	1097	444
0011_03	0 ppm	Day : 23	28.1	12	950	413
0012_03	0 ppm	Day : 3	26.1	6	1071	329
0012_03	0 ppm	Day : 23	29.4	8	1062	197
0013_03	0 ppm	Day : 3	29.9	8	1157	437
0013_03	0 ppm	Day : 23	21.1	8	995	238
0014_03	0 ppm	Day : 3	29.1	8	1010	261
0014_03	0 ppm	Day : 23	24.9	9	907	244
0015_03	0 ppm	Day : 3	28.4	8	1121	417
0015_03	0 ppm	Day : 23	24.2	8	1024	342
0016_03	0 ppm	Day : 3	30.3	8	979	521
0016_03	0 ppm	Day : 23	24.4	8	790	277

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Lab: NA

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Cholinesterase IU PER L	Creatine Kinase IU per L
0017_03	0 ppm	Day : 3	33.7	10	1254	287
0017_03	0 ppm	Day : 23	31.3	8	1205	277
0018_03	0 ppm	Day : 3	29.2	9	1088	340
0018_03	0 ppm	Day : 23	32.3	7	935	205
0019_03	0 ppm	Day : 3	29.6	9	1090	312
0019_03	0 ppm	Day : 23	32.3	10	1034	192
0020_03	0 ppm	Day : 3	25.8	6	1077	269
0020_03	0 ppm	Day : 23	26.3	10	1010	281
0201_03	4 ppm	Day : 93	25.9	14	1026	227
0202_03	4 ppm	Day : 93	26.5	15	1262	278
0203_03	4 ppm	Day : 93	57.4	14	843	260
0204_03	4 ppm	Day : 93	21.1	12	1482	62
0205_03	4 ppm	Day : 93	25.8	14	808	82
0206_03	4 ppm	Day : 93	28.2	15	928	135
0207_03	4 ppm	Day : 93	30.2	16	1271	143
0208_03	4 ppm	Day : 93	36.4	15	1197	217
0209_03	4 ppm	Day : 93	36.7	13	1010	474
0210_03	4 ppm	Day : 93	28.1	15	1028	205
0211_03	4 ppm	Day : 3	28.7	8	1083	316
0211_03	4 ppm	Day : 23	24.1	8	1041	326
0212_03	4 ppm	Day : 3	25.6	6	1020	273
0212_03	4 ppm	Day : 23	30.6	12	1290	349

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Cholinesterase IU PER L	Creatine Kinase IU per L
0212_03	4 ppm	Day : 23	30.6	12	1290	349
0213_03	4 ppm	Day : 3	24.7	7	1030	219
0213_03	4 ppm	Day : 23	27.8	9	800	233
0214_03	4 ppm	Day : 3	26.2	6	1042	217
0214_03	4 ppm	Day : 23	28.6	7	1002	363
0215_03	4 ppm	Day : 3	26.4	7	1128	496
0215_03	4 ppm	Day : 23	34.5	9	846	400
0216_03	4 ppm	Day : 3	25.7	6	1119	301
0216_03	4 ppm	Day : 23	27.4	9	1002	215
0217_03	4 ppm	Day : 3	29.4	6	1013	425
0217_03	4 ppm	Day : 23	31.2	9	934	254
0218_03	4 ppm	Day : 3	28.1	6	1026	327
0218_03	4 ppm	Day : 23	25.3	10	904	156
0219_03	4 ppm	Day : 3	30.5	8	1011	256
0219_03	4 ppm	Day : 23	21.8	9	1029	274
0220_03	4 ppm	Day : 3	27.4	6	978	305
0220_03	4 ppm	Day : 23	26.1	9	800	467
0401_03	8 ppm	Day : 93	35.2	14	1097	170
0402_03	8 ppm	Day : 93	28.1	13	1129	144
0403_03	8 ppm	Day : 93	25.5	14	1070	93
0404_03	8 ppm	Day : 93	32.7	11	991	155
0405_03	8 ppm	Day : 93	29.3	12	916	180

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Cholinesterase IU PER L	Creatine Kinase IU per L
0406_03	8 ppm	Day : 93	28.5	13	956	124
0407_03	8 ppm	Day : 93	26.1	16	1146	160
0408_03	8 ppm	Day : 93	20.7	14	1184	56
0409_03	8 ppm	Day : 93	24.8	12	916	119
0410_03	8 ppm	Day : 93	23.4	14	1053	170
0411_03	8 ppm	Day : 3	20.9	6	1026	247
0411_03	8 ppm	Day : 23	21.7	10	941	131
0412_03	8 ppm	Day : 3	20.0	6	1044	311
0412_03	8 ppm	Day : 23	31.4	9	1017	227
0413_03	8 ppm	Day : 3	20.8	8	1105	249
0413_03	8 ppm	Day : 23	23.4	9	769	222
0414_03	8 ppm	Day : 3	27.7	7	1060	319
0414_03	8 ppm	Day : 23	22.2	9	1178	143
0415_03	8 ppm	Day : 3	28.3	7	972	407
0415_03	8 ppm	Day : 23	21.8	9	866	147
0416_03	8 ppm	Day : 3	28.8	7	1067	253
0416_03	8 ppm	Day : 23	27.2	8	993	354
0417_03	8 ppm	Day : 3	26.9	6	1096	433
0417_03	8 ppm	Day : 23	25.5	9	880	244
0418_03	8 ppm	Day : 3	27.5	6	1086	348
0418_03	8 ppm	Day : 23	31.0	10	985	449
0419_03	8 ppm	Day : 3	50.4	6	1087	1523

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Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Cholinesterase IU PER L	Creatine Kinase IU per L
0419_03	8 ppm	Day : 3	50.4	6	1087	1523
0419_03	8 ppm	Day : 23	20.9	11	944	401
0420_03	8 ppm	Day : 3	23.5	5	1104	262
0420_03	8 ppm	Day : 23	27.4	9	912	259
0601_03	16 ppm	Day : 93	24.6	14	983	136
0602_03	16 ppm	Day : 93	27.9	13	959	98
0603_03	16 ppm	Day : 93	27.4	17	1162	127
0604_03	16 ppm	Day : 93	28.9	15	1284	107
0605_03	16 ppm	Day : 93	27.0	16	1077	74
0606_03	16 ppm	Day : 93	29.1	14	1080	81
0607_03	16 ppm	Day : 93	27.3	16	1050	137
0608_03	16 ppm	Day : 93	22.1	13	1047	322
0609_03	16 ppm	Day : 93	24.0	15	1006	72
0610_03	16 ppm	Day : 93	27.0	14	1357	122
0611_03	16 ppm	Day : 3	28.0	6	1062	389
0611_03	16 ppm	Day : 23	27.2	10	864	198
0612_03	16 ppm	Day : 3	20.5	7	1046	232
0612_03	16 ppm	Day : 23	28.8	10	860	221
0613_03	16 ppm	Day : 3	26.7	7	974	314
0613_03	16 ppm	Day : 23	24.2	9	928	354
0614_03	16 ppm	Day : 3	28.6	6	1099	348
0614_03	16 ppm	Day : 23	27.0	9	953	173

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Cholinesterase IU PER L	Creatine Kinase IU per L
0615_03	16 ppm	Day : 3	23.3	9	1105	247
0615_03	16 ppm	Day : 23	25.7	9	1035	212
0616_03	16 ppm	Day : 3	18.9	9	1062	249
0616_03	16 ppm	Day : 23	25.9	9	890	248
0617_03	16 ppm	Day : 3	24.2	7	994	425
0617_03	16 ppm	Day : 23	26.0	10	835	494
0618_03	16 ppm	Day : 3	20.9	8	982	278
0618_03	16 ppm	Day : 23	24.4	10	957	220
0619_03	16 ppm	Day : 3	16.4	7	1007	1216
0619_03	16 ppm	Day : 23	22.6	9	935	153
0620_03	16 ppm	Day : 3	14.8	6	1133	279
0620_03	16 ppm	Day : 23	22.8	9	1085	395
0801_03	32 ppm	Day : 93	20.0	13	905	71
0802_03	32 ppm	Day : 93	24.1	13	892	105
0803_03	32 ppm	Day : 93	27.3	15	1053	151
0804_03	32 ppm	Day : 93	22.0	13	942	257
0805_03	32 ppm	Day : 93	26.2	13	733	103
0806_03	32 ppm	Day : 93	20.1	15	858	124
0807_03	32 ppm	Day : 93	21.7	12	877	125
0808_03	32 ppm	Day : 93	28.8	15	903	505
0809_03	32 ppm	Day : 93	23.2	13	947	151
0810_03	32 ppm	Day : 93	25.0	12	867	83

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Cholinesterase IU PER L	Creatine Kinase IU per L
0810_03	32 ppm	Day : 93	25.0	12	867	83
0811_03	32 ppm	Day : 3	28.6	10	1002	318
0811_03	32 ppm	Day : 23	23.8	10	843	316
0812_03	32 ppm	Day : 3	26.6	10	1034	296
0812_03	32 ppm	Day : 23	28.7	11	858	219
0813_03	32 ppm	Day : 3	26.3	11	1055	285
0813_03	32 ppm	Day : 23	26.0	11	841	220
0814_03	32 ppm	Day : 3	26.9	7	1142	315
0814_03	32 ppm	Day : 23	30.3	11	865	213
0815_03	32 ppm	Day : 3	23.1	10	1157	248
0815_03	32 ppm	Day : 23	27.7	8	939	311
0816_03	32 ppm	Day : 3	22.6	12	1096	260
0816_03	32 ppm	Day : 23	26.0	9	853	159
0817_03	32 ppm	Day : 3	25.0	11	1163	301
0817_03	32 ppm	Day : 23	27.4	10	860	189
0818_03	32 ppm	Day : 3	27.8	9	1024	404
0818_03	32 ppm	Day : 23	28.0	11	836	204
0819_03	32 ppm	Day : 3	24.9	12	1022	343
0819_03	32 ppm	Day : 23	19.1	12	768	289
0820_03	32 ppm	Day : 3	26.0	14	1060	239
0820_03	32 ppm	Day : 23	28.0	10	1119	278
1001_03	64 ppm	Day : 93	23.3	13	695	120

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Cholinesterase IU PER L	Creatine Kinase IU per L
1002_03	64 ppm	Day : 93	18.9	9	900	217
1003_03	64 ppm	Day : 93	25.9	14	824	165
1004_03	64 ppm	Day : 93	23.0	12	796	154
1005_03	64 ppm	Day : 93	24.6	12	695	52
1006_03	64 ppm	Day : 93	22.6	12	917	131
1007_03	64 ppm	Day : 93	25.1	14	728	184
1008_03	64 ppm	Day : 93	25.6	12	733	102
1009_03	64 ppm	Day : 93	29.0	11	761	129
1010_03	64 ppm	Day : 93	23.8	13	729	257
1011_03	64 ppm	Day : 3	24.5	15	1170	358
1011_03	64 ppm	Day : 23	25.2	13	1026	279
1012_03	64 ppm	Day : 3	46.3	16	1271	228
1012_03	64 ppm	Day : 23	41.5	14	814	272
1013_03	64 ppm	Day : 3	36.0	16	1047	435
1013_03	64 ppm	Day : 23	21.7	15	744	192
1014_03	64 ppm	Day : 3	27.9	16	1072	364
1014_03	64 ppm	Day : 23	24.9	13	760	222
1015_03	64 ppm	Day : 3	50.7	17	1233	313
1015_03	64 ppm	Day : 23	20.0	13	811	355
1016_03	64 ppm	Day : 3	48.0	17	1159	202
1016_03	64 ppm	Day : 23	26.9	14	806	368
1017_03	64 ppm	Day : 3	27.3	18	1237	230

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:45:59

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Cholinesterase IU PER L	Creatine Kinase IU per L
1017_03	64 ppm	Day : 3	27.3	18	1237	230
1017_03	64 ppm	Day : 23	29.5	14	809	478
1018_03	64 ppm	Day : 3	42.9	14	1141	504
1018_03	64 ppm	Day : 23	26.7	13	822	326
1019_03	64 ppm	Day : 3	29.3	17	1120	361
1019_03	64 ppm	Day : 23	30.7	16	945	221
1020_03	64 ppm	Day : 3	26.7	14	974	589
1020_03	64 ppm	Day : 23	22.8	12	857	213

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:46:00

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Creatinine U per L	Globulin g per dL	Protein Total g per dL	SDH IU per L
0001_03	0 ppm	Day : 93	0.9	2.2	6.9	29
0002_03	0 ppm	Day : 93	1.0	3.1	6.8	24
0003_03	0 ppm	Day : 93	0.9	3.3	6.9	26
0004_03	0 ppm	Day : 93	0.9	2.2	6.1	21
0005_03	0 ppm	Day : 93	0.9	3.4	7.2	24
0006_03	0 ppm	Day : 93	0.9	3.0	6.7	19
0007_03	0 ppm	Day : 93	1.0	3.0	6.8	19
0008_03	0 ppm	Day : 93	0.9	2.7	6.4	23
0009_03	0 ppm	Day : 93	1.0	2.3	6.2	23
0010_03	0 ppm	Day : 93	0.9	3.0	6.5	20
0011_03	0 ppm	Day : 3	0.7	1.7	5.2	8
0011_03	0 ppm	Day : 23	0.9	2.4	6.2	10
0012_03	0 ppm	Day : 3	0.9	2.0	5.5	10
0012_03	0 ppm	Day : 23	0.9	2.1	6.3	13
0013_03	0 ppm	Day : 3	0.8	2.0	5.8	12
0013_03	0 ppm	Day : 23	0.8	2.3	5.8	10
0014_03	0 ppm	Day : 3	0.8	2.3	6.0	12
0014_03	0 ppm	Day : 23	1.0	2.8	6.4	13
0015_03	0 ppm	Day : 3	0.8	1.9	5.3	10
0015_03	0 ppm	Day : 23	0.9	2.7	6.2	7
0016_03	0 ppm	Day : 3	0.8	1.6	5.7	10
0016_03	0 ppm	Day : 23	0.9	2.2	6.2	13

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:46:00

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Creatinine U per L	Globulin g per dL	Protein Total g per dL	SDH IU per L
0017_03	0 ppm	Day : 3	0.8	2.0	5.7	11
0017_03	0 ppm	Day : 23	0.9	2.4	6.0	13
0018_03	0 ppm	Day : 3	0.7	1.7	5.6	12
0018_03	0 ppm	Day : 23	0.9	2.5	6.2	13
0019_03	0 ppm	Day : 3	0.8	2.0	5.8	11
0019_03	0 ppm	Day : 23	0.8	1.9	6.1	11
0020_03	0 ppm	Day : 3	0.8	2.0	5.8	11
0020_03	0 ppm	Day : 23	0.9	2.3	6.2	11
0201_03	4 ppm	Day : 93	1.0	2.5	6.5	22
0202_03	4 ppm	Day : 93	1.0	2.6	6.7	24
0203_03	4 ppm	Day : 93	1.0	2.7	6.5	21
0204_03	4 ppm	Day : 93	0.9	3.0	7.1	28
0205_03	4 ppm	Day : 93	1.0	3.2	6.8	22
0206_03	4 ppm	Day : 93	0.9	2.9	6.7	27
0207_03	4 ppm	Day : 93	1.0	2.3	6.2	40
0208_03	4 ppm	Day : 93	1.2	2.8	6.5	56
0209_03	4 ppm	Day : 93	0.9	3.1	6.6	21
0210_03	4 ppm	Day : 93	0.9	2.3	6.1	26
0211_03	4 ppm	Day : 3	0.7	1.8	5.6	11
0211_03	4 ppm	Day : 23	0.8	2.5	6.2	10
0212_03	4 ppm	Day : 3	0.7	1.7	5.1	12
0212_03	4 ppm	Day : 23	0.7	2.1	6.0	14

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:46:00

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Creatinine U per L	Globulin g per dL	Protein Total g per dL	SDH IU per L
0213_03	4 ppm	Day : 3	0.8	2.3	5.7	12
0213_03	4 ppm	Day : 23	0.8	2.2	5.9	11
0214_03	4 ppm	Day : 3	0.8	2.0	5.7	12
0214_03	4 ppm	Day : 23	0.9	2.6	6.3	12
0215_03	4 ppm	Day : 3	0.8	2.0	5.7	11
0215_03	4 ppm	Day : 23	0.8	2.4	6.1	11
0216_03	4 ppm	Day : 3	0.8	2.0	5.6	11
0216_03	4 ppm	Day : 23	0.8	2.6	6.4	12
0217_03	4 ppm	Day : 3	0.8	2.1	5.6	10
0217_03	4 ppm	Day : 23	0.9	2.9	6.4	12
0218_03	4 ppm	Day : 3	0.8	2.2	5.8	14
0218_03	4 ppm	Day : 23	0.8	2.4	6.2	11
0219_03	4 ppm	Day : 3	0.8	1.8	5.7	11
0219_03	4 ppm	Day : 23	0.9	2.2	6.1	12
0220_03	4 ppm	Day : 3	0.8	1.9	5.7	10
0220_03	4 ppm	Day : 23	0.9	1.9	5.8	10
0401_03	8 ppm	Day : 93	1.0	2.4	6.4	34
0402_03	8 ppm	Day : 93	1.0	3.0	6.9	30
0403_03	8 ppm	Day : 93	1.0	2.8	7.0	34
0404_03	8 ppm	Day : 93	1.0	2.8	6.6	25
0405_03	8 ppm	Day : 93	1.0	2.8	6.8	19
0406_03	8 ppm	Day : 93	0.9	2.7	6.5	18

MALE

Animal No.	Dose	Time In Study	Creatinine U per L	Globulin g per dL	Protein Total g per dL	SDH IU per L
0407_03	8 ppm	Day : 93	1.0	2.5	6.6	24
0408_03	8 ppm	Day : 93	0.9	2.9	7.1	23
0409_03	8 ppm	Day : 93	1.0	3.1	6.8	21
0410_03	8 ppm	Day : 93	1.0	2.4	6.5	21
0411_03	8 ppm	Day : 3	0.7	1.8	5.2	12
0411_03	8 ppm	Day : 23	0.8	2.4	6.2	10
0412_03	8 ppm	Day : 3	0.7	1.9	5.3	11
0412_03	8 ppm	Day : 23	0.8	2.2	6.1	10
0413_03	8 ppm	Day : 3	0.7	2.0	5.6	15
0413_03	8 ppm	Day : 23	0.8	2.2	6.0	11
0414_03	8 ppm	Day : 3	0.8	2.0	5.2	10
0414_03	8 ppm	Day : 23	0.8	2.0	6.0	11
0415_03	8 ppm	Day : 3	0.8	2.0	5.6	9
0415_03	8 ppm	Day : 23	0.8	2.0	6.0	11
0416_03	8 ppm	Day : 3	0.8	2.0	5.8	11
0416_03	8 ppm	Day : 23	0.9	2.6	6.3	13
0417_03	8 ppm	Day : 3	0.7	2.3	5.8	10
0417_03	8 ppm	Day : 23	0.8	2.0	6.0	10
0418_03	8 ppm	Day : 3	0.7	1.9	5.2	11
0418_03	8 ppm	Day : 23	0.8	2.2	6.0	12
0419_03	8 ppm	Day : 3	0.8	2.0	5.7	9
0419_03	8 ppm	Day : 23	0.8	1.8	6.2	11

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:46:00

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Creatinine U per L	Globulin g per dL	Protein Total g per dL	SDH IU per L
0420_03	8 ppm	Day : 3	0.8	1.9	5.3	15
0420_03	8 ppm	Day : 23	0.9	2.7	6.5	13
0601_03	16 ppm	Day : 93	1.0	2.6	6.5	21
0602_03	16 ppm	Day : 93	0.9	3.2	6.8	28
0603_03	16 ppm	Day : 93	1.0	2.5	6.3	33
0604_03	16 ppm	Day : 93	1.1	3.2	7.0	33
0605_03	16 ppm	Day : 93	0.9	3.2	6.7	24
0606_03	16 ppm	Day : 93	0.9	3.2	6.8	30
0607_03	16 ppm	Day : 93	0.9	2.8	6.7	23
0608_03	16 ppm	Day : 93	1.0	2.8	6.5	14
0609_03	16 ppm	Day : 93	0.9	2.9	6.9	27
0610_03	16 ppm	Day : 93	1.0	2.2	6.2	25
0611_03	16 ppm	Day : 3	0.7	1.8	5.1	10
0611_03	16 ppm	Day : 23	0.8	2.1	6.0	8
0612_03	16 ppm	Day : 3	0.7	2.0	5.5	12
0612_03	16 ppm	Day : 23	0.8	2.6	6.4	11
0613_03	16 ppm	Day : 3	0.7	1.8	5.6	11
0613_03	16 ppm	Day : 23	0.9	2.4	6.2	11
0614_03	16 ppm	Day : 3	0.7	1.7	5.3	11
0614_03	16 ppm	Day : 23	0.8	2.3	6.1	11
0615_03	16 ppm	Day : 3	0.7	2.0	5.5	12
0615_03	16 ppm	Day : 23	0.9	2.6	6.2	12

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:46:00

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Creatinine U per L	Globulin g per dL	Protein Total g per dL	SDH IU per L
0616_03	16 ppm	Day : 3	0.8	2.2	5.9	13
0616_03	16 ppm	Day : 23	0.8	2.3	6.0	9
0617_03	16 ppm	Day : 3	0.7	1.9	5.4	10
0617_03	16 ppm	Day : 23	0.9	2.8	6.5	12
0618_03	16 ppm	Day : 3	0.8	1.9	5.7	15
0618_03	16 ppm	Day : 23	0.9	2.2	6.1	12
0619_03	16 ppm	Day : 3	0.8	1.9	5.8	10
0619_03	16 ppm	Day : 23	0.9	2.1	6.1	9
0620_03	16 ppm	Day : 3	0.7	1.7	5.3	11
0620_03	16 ppm	Day : 23	0.8	2.1	5.9	12
0801_03	32 ppm	Day : 93	0.9	3.0	6.8	25
0802_03	32 ppm	Day : 93	0.9	3.1	6.8	20
0803_03	32 ppm	Day : 93	1.1	2.9	6.8	27
0804_03	32 ppm	Day : 93	1.0	2.9	6.5	13
0805_03	32 ppm	Day : 93	0.9	3.0	6.8	18
0806_03	32 ppm	Day : 93	0.9	2.1	5.9	18
0807_03	32 ppm	Day : 93	0.9	3.1	7.0	26
0808_03	32 ppm	Day : 93	1.1	2.6	6.2	17
0809_03	32 ppm	Day : 93	1.0	2.4	6.4	22
0810_03	32 ppm	Day : 93	0.9	2.4	6.4	20
0811_03	32 ppm	Day : 3	0.8	2.0	5.8	12
0811_03	32 ppm	Day : 23	0.9	2.5	6.2	11

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:46:00

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Creatinine U per L	Globulin g per dL	Protein Total g per dL	SDH IU per L
0812_03	32 ppm	Day : 3	0.7	1.9	5.4	10
0812_03	32 ppm	Day : 23	0.8	2.3	6.2	12
0813_03	32 ppm	Day : 3	0.8	1.7	5.4	11
0813_03	32 ppm	Day : 23	0.9	2.2	6.1	11
0814_03	32 ppm	Day : 3	0.7	1.7	5.2	10
0814_03	32 ppm	Day : 23	0.8	2.2	6.0	11
0815_03	32 ppm	Day : 3	0.8	1.9	5.9	15
0815_03	32 ppm	Day : 23	0.8	2.7	6.6	12
0816_03	32 ppm	Day : 3	0.8	2.0	5.5	11
0816_03	32 ppm	Day : 23	0.8	2.1	6.1	10
0817_03	32 ppm	Day : 3	0.8	1.8	5.8	14
0817_03	32 ppm	Day : 23	0.8	2.6	6.3	10
0818_03	32 ppm	Day : 3	0.7	2.1	5.6	11
0818_03	32 ppm	Day : 23	0.8	2.4	6.2	10
0819_03	32 ppm	Day : 3	0.7	1.7	5.5	11
0819_03	32 ppm	Day : 23	0.8	2.7	6.3	13
0820_03	32 ppm	Day : 3	0.7	1.4	5.3	12
0820_03	32 ppm	Day : 23	0.7	2.5	6.3	10
1001_03	64 ppm	Day : 93	0.9	3.0	6.7	18
1002_03	64 ppm	Day : 93	0.9	2.8	6.8	20
1003_03	64 ppm	Day : 93	1.0	2.9	7.2	22
1004_03	64 ppm	Day : 93	0.9	2.4	6.2	21

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:46:00

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Creatinine U per L	Globulin g per dL	Protein Total g per dL	SDH IU per L
1005_03	64 ppm	Day : 93	0.9	3.3	7.0	19
1006_03	64 ppm	Day : 93	0.9	2.8	6.5	23
1007_03	64 ppm	Day : 93	0.9	3.0	6.7	22
1008_03	64 ppm	Day : 93	0.9	3.3	6.9	26
1009_03	64 ppm	Day : 93	0.9	2.7	7.1	33
1010_03	64 ppm	Day : 93	0.9	2.7	6.4	18
1011_03	64 ppm	Day : 3	0.7	1.9	5.5	15
1011_03	64 ppm	Day : 23	0.9	2.8	6.6	11
1012_03	64 ppm	Day : 3	0.8	1.6	5.4	28
1012_03	64 ppm	Day : 23	0.8	2.4	6.4	13
1013_03	64 ppm	Day : 3	0.8	1.9	5.6	13
1013_03	64 ppm	Day : 23	0.8	2.2	6.0	12
1014_03	64 ppm	Day : 3	0.8	1.8	5.8	13
1014_03	64 ppm	Day : 23	0.8	2.5	6.5	11
1015_03	64 ppm	Day : 3	0.7	1.6	5.2	11
1015_03	64 ppm	Day : 23	0.8	2.7	6.4	13
1016_03	64 ppm	Day : 3	0.7	1.8	5.4	12
1016_03	64 ppm	Day : 23	0.6	2.6	6.4	11
1017_03	64 ppm	Day : 3	0.8	1.7	5.6	11
1017_03	64 ppm	Day : 23	0.7	3.0	6.5	12
1018_03	64 ppm	Day : 3	0.7	1.4	5.1	14
1018_03	64 ppm	Day : 23	0.8	2.1	6.2	11

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:46:00

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Creatinine U per L	Globulin g per dL	Protein Total g per dL	SDH IU per L
1019_03	64 ppm	Day : 3	0.7	2.0	5.6	11
1019_03	64 ppm	Day : 23	0.8	2.8	6.8	12
1020_03	64 ppm	Day : 3	0.8	1.9	5.5	11
1020_03	64 ppm	Day : 23	0.9	2.8	6.5	11

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:46:00

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
0101_03	0 ppm	Day : 93	4.5	1.7	278	91
0102_03	0 ppm	Day : 93	4.9	1.7	245	47
0103_03	0 ppm	Day : 93	4.5	1.5	238	63
0104_03	0 ppm	Day : 93	4.2	1.6	233	41
0105_03	0 ppm	Day : 93	4.4	1.8	230	52
0106_03	0 ppm	Day : 93	5.1	2.6	254	69
0107_03	0 ppm	Day : 93	4.4	1.6	257	70
0108_03	0 ppm	Day : 93	4.2	1.7	254	34
0109_03	0 ppm	Day : 93	4.6	1.6	188	57
0110_03	0 ppm	Day : 93	4.1	1.5	236	75
0111_03	0 ppm	Day : 3	3.7	1.9	616	44
0111_03	0 ppm	Day : 23	3.8	1.7	333	34
0112_03	0 ppm	Day : 3	3.6	1.8	602	47
0112_03	0 ppm	Day : 23	3.8	1.5	409	38
0113_03	0 ppm	Day : 3	3.5	1.6	564	41
0113_03	0 ppm	Day : 23	4.0	1.8	366	34
0114_03	0 ppm	Day : 3	3.4	1.7	647	48
0114_03	0 ppm	Day : 23	3.6	1.6	349	35
0115_03	0 ppm	Day : 3	3.7	1.6	547	40
0115_03	0 ppm	Day : 23	3.8	1.7	326	35
0116_03	0 ppm	Day : 3	4.3	2.5	545	40
0116_03	0 ppm	Day : 23	4.1	1.9	306	29

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:46:00

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
0117_03	0 ppm	Day : 3	3.5	1.7	630	46
0117_03	0 ppm	Day : 23	4.3	2.0	331	31
0118_03	0 ppm	Day : 3	3.5	2.1	755	46
0118_03	0 ppm	Day : 23	3.8	1.7	328	33
0119_03	0 ppm	Day : 3	3.5	1.8	643	44
0119_03	0 ppm	Day : 23	4.3	2.4	382	35
0120_03	0 ppm	Day : 3	3.6	1.8	578	41
0120_03	0 ppm	Day : 23	4.1	1.8	333	34
0301_03	4 ppm	Day : 93	4.1	1.6	200	70
0302_03	4 ppm	Day : 93	4.3	1.5	223	51
0303_03	4 ppm	Day : 93	4.5	1.7	316	51
0304_03	4 ppm	Day : 93	4.6	1.6	208	80
0305_03	4 ppm	Day : 93	5.1	2.8	218	59
0306_03	4 ppm	Day : 93	4.6	1.4	220	51
0307_03	4 ppm	Day : 93	4.5	1.5	248	54
0308_03	4 ppm	Day : 93	4.3	1.8	295	55
0309_03	4 ppm	Day : 93	4.4	1.6	220	68
0310_03	4 ppm	Day : 93	4.4	1.4	224	61
0311_03	4 ppm	Day : 3	3.8	1.8	547	38
0311_03	4 ppm	Day : 23	3.8	1.6	385	40
0312_03	4 ppm	Day : 3	3.3	1.7	687	42
0312_03	4 ppm	Day : 23	3.9	1.9	377	33

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0313_03	4 ppm	Day : 3	3.3	1.5	639	44
0313_03	4 ppm	Day : 23	4.1	2.2	370	32
0314_03	4 ppm	Day : 3	3.5	1.8	637	48
0314_03	4 ppm	Day : 23	3.9	2.2	442	38
0315_03	4 ppm	Day : 3	3.6	2.0	632	48
0315_03	4 ppm	Day : 23	3.6	1.6	408	35
0316_03	4 ppm	Day : 3	3.5	1.8	570	40
0316_03	4 ppm	Day : 23	3.8	1.5	392	38
0317_03	4 ppm	Day : 3	3.6	2.0	600	43
0317_03	4 ppm	Day : 23	3.9	1.9	381	38
0318_03	4 ppm	Day : 3	3.4	1.5	600	40
0318_03	4 ppm	Day : 23	4.2	2.0	359	31
0319_03	4 ppm	Day : 3	3.7	1.8	520	41
0319_03	4 ppm	Day : 23	3.8	1.7	395	33
0320_03	4 ppm	Day : 3	3.6	1.6	652	41
0320_03	4 ppm	Day : 23	3.9	1.6	354	32
0501_03	8 ppm	Day : 93	4.3	1.7	233	68
0502_03	8 ppm	Day : 93	4.0	1.4	246	45
0503_03	8 ppm	Day : 93	4.3	1.5	224	43
0504_03	8 ppm	Day : 93	4.7	1.7	231	53
0505_03	8 ppm	Day : 93	4.2	1.4	196	73
0506_03	8 ppm	Day : 93	4.1	1.9	278	53

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0507_03	8 ppm	Day : 93	4.1	1.5	285	57
0508_03	8 ppm	Day : 93	4.3	2.0	219	78
0509_03	8 ppm	Day : 93	4.1	1.7	266	39
0510_03	8 ppm	Day : 93	4.2	1.5	248	53
0511_03	8 ppm	Day : 3	3.7	1.8	558	39
0511_03	8 ppm	Day : 23	4.0	2.0	362	28
0512_03	8 ppm	Day : 3	3.3	1.7	691	43
0512_03	8 ppm	Day : 23	4.0	1.7	359	33
0513_03	8 ppm	Day : 3	3.8	2.0	529	41
0513_03	8 ppm	Day : 23	4.0	1.9	331	34
0514_03	8 ppm	Day : 3	3.7	1.9	573	42
0514_03	8 ppm	Day : 23	4.1	2.3	376	34
0515_03	8 ppm	Day : 3	3.5	1.5	568	44
0515_03	8 ppm	Day : 23	4.0	1.6	385	35
0516_03	8 ppm	Day : 3	3.9	2.1	634	43
0516_03	8 ppm	Day : 23	4.1	1.9	346	30
0517_03	8 ppm	Day : 3	3.7	1.9	539	40
0517_03	8 ppm	Day : 23	3.6	1.6	350	36
0518_03	8 ppm	Day : 3	3.8	1.7	566	40
0518_03	8 ppm	Day : 23	3.9	1.6	297	36
0519_03	8 ppm	Day : 3	3.4	1.6	523	39
0519_03	8 ppm	Day : 23	4.4	2.2	335	36

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:46:01

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
0520_03	8 ppm	Day : 3	4.0	2.7	721	47
0520_03	8 ppm	Day : 23	3.7	1.5	374	34
0701_03	16 ppm	Day : 93	4.2	1.6	235	74
0702_03	16 ppm	Day : 93	4.4	1.5	256	50
0703_03	16 ppm	Day : 93	4.2	1.4	248	81
0704_03	16 ppm	Day : 93	4.1	1.5	228	76
0705_03	16 ppm	Day : 93	4.1	1.4	202	67
0706_03	16 ppm	Day : 93	3.8	1.7	189	68
0707_03	16 ppm	Day : 93	4.6	1.8	234	68
0708_03	16 ppm	Day : 93	4.2	1.4	205	61
0709_03	16 ppm	Day : 93	4.8	2.1	195	79
0710_03	16 ppm	Day : 93	4.1	1.5	244	51
0711_03	16 ppm	Day : 3	3.6	2.1	603	43
0711_03	16 ppm	Day : 23	4.0	2.0	337	32
0712_03	16 ppm	Day : 3	3.6	1.8	553	39
0712_03	16 ppm	Day : 23	4.0	1.7	369	36
0713_03	16 ppm	Day : 3	3.6	1.8	521	39
0713_03	16 ppm	Day : 23	4.1	2.2	311	33
0714_03	16 ppm	Day : 3	3.8	2.1	477	40
0714_03	16 ppm	Day : 23	4.0	1.7	357	34
0715_03	16 ppm	Day : 3	3.7	1.8	500	39
0715_03	16 ppm	Day : 23	3.9	1.9	319	31

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:46:01

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	16 ppm	Day : 3	3.4	1.7	501	43
0716_03	16 ppm	Day : 23	3.9	1.9	368	31
0717_03	16 ppm	Day : 3	3.8	2.0	640	41
0717_03	16 ppm	Day : 23	3.9	1.8	375	30
0718_03	16 ppm	Day : 3	3.7	1.5	531	39
0718_03	16 ppm	Day : 23	4.1	1.9	308	28
0719_03	16 ppm	Day : 3	3.5	1.8	553	46
0719_03	16 ppm	Day : 23	3.8	1.6	329	33
0720_03	16 ppm	Day : 3	3.9	2.3	555	42
0720_03	16 ppm	Day : 23	3.7	1.9	307	32
0901_03	32 ppm	Day : 93	4.3	1.7	231	70
0902_03	32 ppm	Day : 93	4.3	1.8	245	54
0903_03	32 ppm	Day : 93	4.1	1.6	263	34
0904_03	32 ppm	Day : 93	4.2	1.7	280	56
0905_03	32 ppm	Day : 93	4.7	1.7	251	54
0906_03	32 ppm	Day : 93	4.3	1.5	246	36
0907_03	32 ppm	Day : 93	4.2	1.8	239	47
0908_03	32 ppm	Day : 93	4.4	1.5	238	46
0909_03	32 ppm	Day : 93	4.0	1.3	225	50
0910_03	32 ppm	Day : 93	4.4	1.5	237	68
0911_03	32 ppm	Day : 3	3.2	1.5	532	45
0911_03	32 ppm	Day : 23	3.8	1.7	346	32

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:46:01

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
0912_03	32 ppm	Day : 3	3.6	1.9	514	42
0912_03	32 ppm	Day : 23	3.9	1.6	313	30
0913_03	32 ppm	Day : 3	3.1	1.6	570	42
0913_03	32 ppm	Day : 23	3.8	1.9	377	37
0914_03	32 ppm	Day : 3	3.1	1.6	619	45
0914_03	32 ppm	Day : 23	3.9	1.6	374	30
0915_03	32 ppm	Day : 3	3.8	2.0	596	41
0915_03	32 ppm	Day : 23	4.2	1.8	333	31
0916_03	32 ppm	Day : 3	4.0	1.7	449	36
0916_03	32 ppm	Day : 23	DEAD	DEAD	DEAD	DEAD
0917_03	32 ppm	Day : 3	3.3	1.7	544	49
0917_03	32 ppm	Day : 23	3.8	1.7	332	28
0918_03	32 ppm	Day : 3	3.5	1.8	552	47
0918_03	32 ppm	Day : 23	4.1	1.8	379	33
0919_03	32 ppm	Day : 3	3.6	2.0	603	48
0919_03	32 ppm	Day : 23	3.7	1.6	360	36
0920_03	32 ppm	Day : 3	3.3	1.6	530	44
0920_03	32 ppm	Day : 23	4.7	3.4	354	30
1101_03	64 ppm	Day : 93	4.0	1.5	233	40
1102_03	64 ppm	Day : 93	4.1	1.6	227	35
1103_03	64 ppm	Day : 93	4.2	1.8	217	39
1104_03	64 ppm	Day : 93	3.8	1.5	208	30

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:46:01

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
1105_03	64 ppm	Day : 93	3.6	1.3	262	31
1106_03	64 ppm	Day : 93	4.4	1.8	265	33
1107_03	64 ppm	Day : 93	3.9	1.4	266	32
1108_03	64 ppm	Day : 93	4.1	1.5	279	35
1109_03	64 ppm	Day : 93	4.9	2.0	241	33
1110_03	64 ppm	Day : 93	3.9	1.4	249	31
1111_03	64 ppm	Day : 3	3.4	1.8	542	42
1111_03	64 ppm	Day : 23	3.8	2.0	322	31
1112_03	64 ppm	Day : 3	3.6	1.9	543	39
1112_03	64 ppm	Day : 23	4.3	2.2	330	27
1113_03	64 ppm	Day : 3	3.8	2.2	443	32
1113_03	64 ppm	Day : 23	4.0	1.7	321	28
1114_03	64 ppm	Day : 3	3.5	1.9	627	48
1114_03	64 ppm	Day : 23	4.0	2.1	301	27
1115_03	64 ppm	Day : 3	3.7	2.2	706	47
1115_03	64 ppm	Day : 23	4.1	2.2	333	26
1116_03	64 ppm	Day : 3	3.4	1.8	603	51
1116_03	64 ppm	Day : 23	4.1	1.6	359	30
1117_03	64 ppm	Day : 3	3.5	1.7	521	47
1117_03	64 ppm	Day : 23	3.8	1.7	346	35
1118_03	64 ppm	Day : 3	3.4	1.7	535	45
1118_03	64 ppm	Day : 23	DEAD	DEAD	DEAD	DEAD

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:46:01

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
1119_03	64 ppm	Day : 3	3.9	2.2	504	35
1119_03	64 ppm	Day : 23	3.7	1.7	308	31
1120_03	64 ppm	Day : 3	3.6	2.3	592	42
1120_03	64 ppm	Day : 23	4.1	2.0	327	36

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Cholinesterase IU PER L	Creatine Kinase IU per L
0101_03	0 ppm	Day : 93	27.1	16	8008	121
0102_03	0 ppm	Day : 93	25.2	15	8703	262
0103_03	0 ppm	Day : 93	27.4	14	7632	130
0104_03	0 ppm	Day : 93	23.4	17	7297	82
0105_03	0 ppm	Day : 93	23.4	13	7444	234
0106_03	0 ppm	Day : 93	22.3	14	8358	124
0107_03	0 ppm	Day : 93	32.1	15	7582	98
0108_03	0 ppm	Day : 93	19.0	15	7361	112
0109_03	0 ppm	Day : 93	20.0	14	7724	108
0110_03	0 ppm	Day : 93	24.6	13	8350	160
0111_03	0 ppm	Day : 3	22.6	10	1708	477
0111_03	0 ppm	Day : 23	19.6	13	4602	138
0112_03	0 ppm	Day : 3	21.2	9	1679	245
0112_03	0 ppm	Day : 23	18.2	14	3934	396
0113_03	0 ppm	Day : 3	24.9	9	2085	500
0113_03	0 ppm	Day : 23	24.3	9	4749	238
0114_03	0 ppm	Day : 3	28.4	6	1507	290
0114_03	0 ppm	Day : 23	20.4	10	4029	262
0115_03	0 ppm	Day : 3	23.8	9	2433	305
0115_03	0 ppm	Day : 23	32.7	9	4501	333
0116_03	0 ppm	Day : 3	24.0	8	3191	199
0116_03	0 ppm	Day : 23	15.4	12	4833	138

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Cholinesterase IU PER L	Creatine Kinase IU per L
0117_03	0 ppm	Day : 3	22.4	7	1910	276
0117_03	0 ppm	Day : 23	19.6	12	4898	252
0118_03	0 ppm	Day : 3	30.2	7	1440	610
0118_03	0 ppm	Day : 23	21.2	12	3849	135
0119_03	0 ppm	Day : 3	25.8	7	1658	734
0119_03	0 ppm	Day : 23	26.2	11	3764	322
0120_03	0 ppm	Day : 3	21.3	6	2382	295
0120_03	0 ppm	Day : 23	23.2	12	4915	156
0301_03	4 ppm	Day : 93	28.2	13	7072	161
0302_03	4 ppm	Day : 93	19.2	16	7589	107
0303_03	4 ppm	Day : 93	19.2	17	7309	92
0304_03	4 ppm	Day : 93	21.7	12	7652	95
0305_03	4 ppm	Day : 93	27.5	13	7125	82
0306_03	4 ppm	Day : 93	24.5	14	8723	134
0307_03	4 ppm	Day : 93	24.9	16	8135	226
0308_03	4 ppm	Day : 93	20.5	15	6785	158
0309_03	4 ppm	Day : 93	23.6	11	7759	84
0310_03	4 ppm	Day : 93	48.7	15	7976	313
0311_03	4 ppm	Day : 3	23.3	11	2336	288
0311_03	4 ppm	Day : 23	20.5	8	4632	249
0312_03	4 ppm	Day : 3	24.0	7	1467	229
0312_03	4 ppm	Day : 23	25.2	10	3533	266

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Cholinesterase IU PER L	Creatine Kinase IU per L
0312_03	4 ppm	Day : 23	25.2	10	3533	266
0313_03	4 ppm	Day : 3	26.7	8	1887	407
0313_03	4 ppm	Day : 23	19.5	10	3721	116
0314_03	4 ppm	Day : 3	23.7	8	1625	200
0314_03	4 ppm	Day : 23	17.5	9	3151	148
0315_03	4 ppm	Day : 3	27.8	8	1507	370
0315_03	4 ppm	Day : 23	46.1	10	2749	451
0316_03	4 ppm	Day : 3	21.9	7	1477	349
0316_03	4 ppm	Day : 23	19.5	15	4063	358
0317_03	4 ppm	Day : 3	26.2	7	1590	282
0317_03	4 ppm	Day : 23	25.8	10	4127	285
0318_03	4 ppm	Day : 3	25.0	9	1749	263
0318_03	4 ppm	Day : 23	18.4	14	4548	144
0319_03	4 ppm	Day : 3	23.8	9	1949	373
0319_03	4 ppm	Day : 23	20.6	10	3669	145
0320_03	4 ppm	Day : 3	23.8	7	1691	236
0320_03	4 ppm	Day : 23	17.4	12	4439	249
0501_03	8 ppm	Day : 93	26.2	15	7436	210
0502_03	8 ppm	Day : 93	31.8	13	6635	136
0503_03	8 ppm	Day : 93	24.8	14	7865	137
0504_03	8 ppm	Day : 93	28.9	14	8656	116
0505_03	8 ppm	Day : 93	23.1	14	7760	202

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Cholinesterase IU PER L	Creatine Kinase IU per L
0506_03	8 ppm	Day : 93	26.8	14	6503	104
0507_03	8 ppm	Day : 93	31.6	14	6485	79
0508_03	8 ppm	Day : 93	38.5	16	5141	205
0509_03	8 ppm	Day : 93	18.3	17	6485	152
0510_03	8 ppm	Day : 93	16.8	14	7049	133
0511_03	8 ppm	Day : 3	23.6	7	1865	281
0511_03	8 ppm	Day : 23	18.2	12	3594	114
0512_03	8 ppm	Day : 3	36.4	6	1270	464
0512_03	8 ppm	Day : 23	22.8	12	4306	148
0513_03	8 ppm	Day : 3	25.4	9	2316	268
0513_03	8 ppm	Day : 23	20.4	13	4091	227
0514_03	8 ppm	Day : 3	17.9	7	1660	276
0514_03	8 ppm	Day : 23	20.9	10	3577	232
0515_03	8 ppm	Day : 3	24.0	9	2096	417
0515_03	8 ppm	Day : 23	18.8	14	4716	150
0516_03	8 ppm	Day : 3	20.7	6	1984	282
0516_03	8 ppm	Day : 23	20.0	13	4157	311
0517_03	8 ppm	Day : 3	27.6	8	2099	372
0517_03	8 ppm	Day : 23	22.6	12	3951	156
0518_03	8 ppm	Day : 3	23.9	9	2095	187
0518_03	8 ppm	Day : 23	23.1	11	5059	650
0519_03	8 ppm	Day : 3	28.2	9	2109	389

Experiment Number: 97008-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 18:46:01

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Cholinesterase IU PER L	Creatine Kinase IU per L
0519_03	8 ppm	Day : 3	28.2	9	2109	389
0519_03	8 ppm	Day : 23	20.9	11	5229	166
0520_03	8 ppm	Day : 3	26.3	7	1405	340
0520_03	8 ppm	Day : 23	27.9	13	4304	662
0701_03	16 ppm	Day : 93	23.4	16	6842	142
0702_03	16 ppm	Day : 93	16.6	16	7381	84
0703_03	16 ppm	Day : 93	41.5	16	7105	127
0704_03	16 ppm	Day : 93	20.5	13	6629	225
0705_03	16 ppm	Day : 93	31.1	14	7200	162
0706_03	16 ppm	Day : 93	19.8	13	5441	201
0707_03	16 ppm	Day : 93	24.4	16	7130	198
0708_03	16 ppm	Day : 93	27.6	15	7093	203
0709_03	16 ppm	Day : 93	30.4	15	7559	156
0710_03	16 ppm	Day : 93	23.2	19	6833	175
0711_03	16 ppm	Day : 3	26.0	7	1333	331
0711_03	16 ppm	Day : 23	24.1	11	3792	363
0712_03	16 ppm	Day : 3	29.0	10	2083	197
0712_03	16 ppm	Day : 23	32.8	13	4174	157
0713_03	16 ppm	Day : 3	22.4	7	1759	437
0713_03	16 ppm	Day : 23	20.6	14	4047	160
0714_03	16 ppm	Day : 3	19.1	8	1851	236
0714_03	16 ppm	Day : 23	17.2	11	4045	214

Experiment Number: 97008-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 18:46:01

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Cholinesterase IU PER L	Creatine Kinase IU per L
0715_03	16 ppm	Day : 3	29.0	9	2327	191
0715_03	16 ppm	Day : 23	20.0	13	4035	173
0716_03	16 ppm	Day : 3	23.9	10	1829	412
0716_03	16 ppm	Day : 23	21.5	11	3870	153
0717_03	16 ppm	Day : 3	24.9	10	1860	384
0717_03	16 ppm	Day : 23	21.6	11	3676	114
0718_03	16 ppm	Day : 3	25.0	11	1893	238
0718_03	16 ppm	Day : 23	16.5	13	4303	133
0719_03	16 ppm	Day : 3	26.9	7	1525	309
0719_03	16 ppm	Day : 23	21.2	11	3350	231
0720_03	16 ppm	Day : 3	26.9	9	1553	173
0720_03	16 ppm	Day : 23	17.5	13	3140	128
0901_03	32 ppm	Day : 93	19.7	16	6404	117
0902_03	32 ppm	Day : 93	23.0	12	5982	117
0903_03	32 ppm	Day : 93	20.9	16	5569	179
0904_03	32 ppm	Day : 93	21.0	14	5997	105
0905_03	32 ppm	Day : 93	26.0	15	6377	143
0906_03	32 ppm	Day : 93	18.5	14	7100	128
0907_03	32 ppm	Day : 93	25.8	17	5569	110
0908_03	32 ppm	Day : 93	18.5	12	6732	195
0909_03	32 ppm	Day : 93	17.1	11	6320	134
0910_03	32 ppm	Day : 93	20.9	16	7363	64

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Cholinesterase IU PER L	Creatine Kinase IU per L
0910_03	32 ppm	Day : 93	20.9	16	7363	64
0911_03	32 ppm	Day : 3	25.4	9	1480	537
0911_03	32 ppm	Day : 23	20.3	11	3385	247
0912_03	32 ppm	Day : 3	23.7	10	1679	147
0912_03	32 ppm	Day : 23	9.4	9	3243	243
0913_03	32 ppm	Day : 3	20.5	8	1324	487
0913_03	32 ppm	Day : 23	19.5	15	2534	252
0914_03	32 ppm	Day : 3	26.8	11	1301	206
0914_03	32 ppm	Day : 23	23.4	11	3047	133
0915_03	32 ppm	Day : 3	24.2	9	1734	390
0915_03	32 ppm	Day : 23	20.8	13	3740	830
0916_03	32 ppm	Day : 3	28.2	16	1758	239
0916_03	32 ppm	Day : 23	DEAD	DEAD	DEAD	DEAD
0917_03	32 ppm	Day : 3	22.0	6	1327	368
0917_03	32 ppm	Day : 23	27.5	14	2757	495
0918_03	32 ppm	Day : 3	21.6	12	1429	221
0918_03	32 ppm	Day : 23	22.7	12	3424	284
0919_03	32 ppm	Day : 3	22.9	15	1396	357
0919_03	32 ppm	Day : 23	25.6	14	2426	1072
0920_03	32 ppm	Day : 3	22.3	12	1609	249
0920_03	32 ppm	Day : 23	22.4	11	3575	148
1101_03	64 ppm	Day : 93	21.5	16	3953	107

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Cholinesterase IU PER L	Creatine Kinase IU per L
1102_03	64 ppm	Day : 93	18.1	15	4543	112
1103_03	64 ppm	Day : 93	33.3	13	4058	351
1104_03	64 ppm	Day : 93	18.8	11	3879	209
1105_03	64 ppm	Day : 93	22.0	14	3702	268
1106_03	64 ppm	Day : 93	31.4	13	3505	132
1107_03	64 ppm	Day : 93	32.2	14	2818	160
1108_03	64 ppm	Day : 93	16.5	13	3688	80
1109_03	64 ppm	Day : 93	25.0	14	5028	184
1110_03	64 ppm	Day : 93	18.5	14	3827	139
1111_03	64 ppm	Day : 3	25.6	15	1529	509
1111_03	64 ppm	Day : 23	21.9	15	2699	313
1112_03	64 ppm	Day : 3	26.8	13	1352	225
1112_03	64 ppm	Day : 23	19.7	11	2808	204
1113_03	64 ppm	Day : 3	41.0	13	1792	807
1113_03	64 ppm	Day : 23	20.4	13	2760	182
1114_03	64 ppm	Day : 3	28.2	15	1565	214
1114_03	64 ppm	Day : 23	21.6	14	2229	149
1115_03	64 ppm	Day : 3	27.0	14	1594	490
1115_03	64 ppm	Day : 23	17.6	15	2148	114
1116_03	64 ppm	Day : 3	29.5	17	1450	458
1116_03	64 ppm	Day : 23	19.4	13	2787	260
1117_03	64 ppm	Day : 3	30.7	16	1740	245

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:46:02

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Cholinesterase IU PER L	Creatine Kinase IU per L
1117_03	64 ppm	Day : 3	30.7	16	1740	245
1117_03	64 ppm	Day : 23	21.2	12	2745	180
1118_03	64 ppm	Day : 3	30.6	19	1517	390
1118_03	64 ppm	Day : 23	DEAD	DEAD	DEAD	DEAD
1119_03	64 ppm	Day : 3	23.3	17	1746	312
1119_03	64 ppm	Day : 23	20.7	13	2517	483
1120_03	64 ppm	Day : 3	18.9	14	1857	211
1120_03	64 ppm	Day : 23	35.4	12	2332	436

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:46:02

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Creatinine U per L	Globulin g per dL	Protein Total g per dL	SDH IU per L
0101_03	0 ppm	Day : 93	1.0	2.7	7.2	24
0102_03	0 ppm	Day : 93	1.1	2.9	7.8	14
0103_03	0 ppm	Day : 93	1.0	3.1	7.6	20
0104_03	0 ppm	Day : 93	1.1	2.6	6.8	18
0105_03	0 ppm	Day : 93	0.9	2.5	6.9	15
0106_03	0 ppm	Day : 93	1.0	2.0	7.1	20
0107_03	0 ppm	Day : 93	0.9	2.7	7.1	22
0108_03	0 ppm	Day : 93	1.0	2.5	6.7	14
0109_03	0 ppm	Day : 93	0.9	2.9	7.5	17
0110_03	0 ppm	Day : 93	1.0	2.8	6.9	23
0111_03	0 ppm	Day : 3	0.7	1.9	5.6	8
0111_03	0 ppm	Day : 23	0.8	2.3	6.1	11
0112_03	0 ppm	Day : 3	0.7	2.0	5.6	13
0112_03	0 ppm	Day : 23	1.0	2.6	6.4	16
0113_03	0 ppm	Day : 3	0.8	2.2	5.7	12
0113_03	0 ppm	Day : 23	0.9	2.2	6.2	15
0114_03	0 ppm	Day : 3	0.8	2.0	5.4	11
0114_03	0 ppm	Day : 23	0.8	2.3	5.9	12
0115_03	0 ppm	Day : 3	0.8	2.3	6.0	12
0115_03	0 ppm	Day : 23	0.9	2.2	6.0	14
0116_03	0 ppm	Day : 3	0.9	1.7	6.0	13
0116_03	0 ppm	Day : 23	0.9	2.2	6.3	11

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:46:02

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Creatinine U per L	Globulin g per dL	Protein Total g per dL	SDH IU per L
0117_03	0 ppm	Day : 3	0.8	2.1	5.6	13
0117_03	0 ppm	Day : 23	0.9	2.2	6.5	10
0118_03	0 ppm	Day : 3	0.7	1.7	5.2	9
0118_03	0 ppm	Day : 23	0.8	2.2	6.0	11
0119_03	0 ppm	Day : 3	0.8	1.9	5.4	8
0119_03	0 ppm	Day : 23	0.8	1.8	6.1	11
0120_03	0 ppm	Day : 3	0.8	2.0	5.6	11
0120_03	0 ppm	Day : 23	0.8	2.3	6.4	11
0301_03	4 ppm	Day : 93	0.9	2.6	6.7	16
0302_03	4 ppm	Day : 93	1.0	2.8	7.1	14
0303_03	4 ppm	Day : 93	1.0	2.6	7.1	16
0304_03	4 ppm	Day : 93	1.0	2.9	7.5	22
0305_03	4 ppm	Day : 93	0.9	1.8	6.9	20
0306_03	4 ppm	Day : 93	1.0	3.3	7.9	19
0307_03	4 ppm	Day : 93	1.0	3.0	7.5	17
0308_03	4 ppm	Day : 93	0.9	2.4	6.7	16
0309_03	4 ppm	Day : 93	0.9	2.8	7.2	20
0310_03	4 ppm	Day : 93	1.0	3.1	7.5	13
0311_03	4 ppm	Day : 3	0.8	2.1	5.9	11
0311_03	4 ppm	Day : 23	0.8	2.4	6.2	14
0312_03	4 ppm	Day : 3	0.8	1.9	5.2	10
0312_03	4 ppm	Day : 23	0.8	2.1	6.0	12

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:46:02

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Creatinine U per L	Globulin g per dL	Protein Total g per dL	SDH IU per L
0313_03	4 ppm	Day : 3	0.7	2.2	5.5	9
0313_03	4 ppm	Day : 23	0.8	1.9	6.0	11
0314_03	4 ppm	Day : 3	0.8	1.9	5.4	10
0314_03	4 ppm	Day : 23	0.8	1.8	5.7	11
0315_03	4 ppm	Day : 3	0.8	1.8	5.4	11
0315_03	4 ppm	Day : 23	0.9	2.3	5.9	13
0316_03	4 ppm	Day : 3	0.8	1.9	5.4	12
0316_03	4 ppm	Day : 23	0.9	2.6	6.4	15
0317_03	4 ppm	Day : 3	0.8	1.8	5.4	10
0317_03	4 ppm	Day : 23	0.8	2.1	6.0	11
0318_03	4 ppm	Day : 3	0.7	2.2	5.6	10
0318_03	4 ppm	Day : 23	0.8	2.1	6.3	11
0319_03	4 ppm	Day : 3	0.8	2.1	5.8	10
0319_03	4 ppm	Day : 23	0.9	2.2	6.0	12
0320_03	4 ppm	Day : 3	0.8	2.2	5.8	10
0320_03	4 ppm	Day : 23	0.9	2.5	6.4	14
0501_03	8 ppm	Day : 93	0.9	2.6	6.9	19
0502_03	8 ppm	Day : 93	0.9	2.8	6.8	19
0503_03	8 ppm	Day : 93	1.0	2.8	7.1	14
0504_03	8 ppm	Day : 93	1.0	2.8	7.5	18
0505_03	8 ppm	Day : 93	0.9	3.0	7.2	18
0506_03	8 ppm	Day : 93	0.9	2.2	6.3	17

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:46:02

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Creatinine U per L	Globulin g per dL	Protein Total g per dL	SDH IU per L
0507_03	8 ppm	Day : 93	1.0	2.8	6.9	20
0508_03	8 ppm	Day : 93	1.0	2.2	6.5	19
0509_03	8 ppm	Day : 93	0.9	2.4	6.5	12
0510_03	8 ppm	Day : 93	0.9	2.8	7.0	15
0511_03	8 ppm	Day : 3	0.8	2.1	5.8	11
0511_03	8 ppm	Day : 23	0.9	2.0	6.0	11
0512_03	8 ppm	Day : 3	0.7	1.9	5.2	7
0512_03	8 ppm	Day : 23	0.9	2.3	6.3	11
0513_03	8 ppm	Day : 3	0.7	1.9	5.7	13
0513_03	8 ppm	Day : 23	0.8	2.1	6.1	11
0514_03	8 ppm	Day : 3	0.8	1.9	5.6	13
0514_03	8 ppm	Day : 23	0.9	1.8	5.9	13
0515_03	8 ppm	Day : 3	0.8	2.3	5.8	11
0515_03	8 ppm	Day : 23	0.9	2.5	6.5	14
0516_03	8 ppm	Day : 3	0.8	1.9	5.8	13
0516_03	8 ppm	Day : 23	0.9	2.2	6.3	13
0517_03	8 ppm	Day : 3	0.8	2.0	5.7	11
0517_03	8 ppm	Day : 23	0.8	2.2	5.8	12
0518_03	8 ppm	Day : 3	0.8	2.2	6.0	12
0518_03	8 ppm	Day : 23	0.9	2.4	6.3	9
0519_03	8 ppm	Day : 3	0.8	2.1	5.5	11
0519_03	8 ppm	Day : 23	0.8	2.0	6.4	12

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:46:02

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Creatinine U per L	Globulin g per dL	Protein Total g per dL	SDH IU per L
0520_03	8 ppm	Day : 3	0.7	1.5	5.5	10
0520_03	8 ppm	Day : 23	0.8	2.5	6.2	11
0701_03	16 ppm	Day : 93	0.9	2.6	6.8	21
0702_03	16 ppm	Day : 93	0.9	3.0	7.4	18
0703_03	16 ppm	Day : 93	1.0	3.0	7.2	21
0704_03	16 ppm	Day : 93	0.9	2.7	6.8	20
0705_03	16 ppm	Day : 93	1.0	3.0	7.1	19
0706_03	16 ppm	Day : 93	0.8	2.2	6.0	16
0707_03	16 ppm	Day : 93	0.9	2.5	7.1	19
0708_03	16 ppm	Day : 93	0.9	2.9	7.1	16
0709_03	16 ppm	Day : 93	1.0	2.3	7.1	23
0710_03	16 ppm	Day : 93	1.0	2.8	6.9	15
0711_03	16 ppm	Day : 3	0.7	1.7	5.3	10
0711_03	16 ppm	Day : 23	0.8	2.0	6.0	12
0712_03	16 ppm	Day : 3	0.8	2.0	5.6	10
0712_03	16 ppm	Day : 23	0.9	2.3	6.3	13
0713_03	16 ppm	Day : 3	0.7	2.0	5.6	11
0713_03	16 ppm	Day : 23	0.9	1.9	6.0	12
0714_03	16 ppm	Day : 3	0.7	1.8	5.6	12
0714_03	16 ppm	Day : 23	0.9	2.4	6.4	15
0715_03	16 ppm	Day : 3	0.7	2.1	5.8	11
0715_03	16 ppm	Day : 23	0.8	2.1	6.0	12

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:46:02

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Creatinine U per L	Globulin g per dL	Protein Total g per dL	SDH IU per L
0716_03	16 ppm	Day : 3	0.8	2.0	5.4	11
0716_03	16 ppm	Day : 23	0.7	2.1	6.0	11
0717_03	16 ppm	Day : 3	0.7	1.9	5.7	10
0717_03	16 ppm	Day : 23	0.8	2.2	6.1	11
0718_03	16 ppm	Day : 3	0.8	2.4	6.1	11
0718_03	16 ppm	Day : 23	0.9	2.2	6.3	12
0719_03	16 ppm	Day : 3	0.7	2.0	5.5	9
0719_03	16 ppm	Day : 23	0.8	2.4	6.2	13
0720_03	16 ppm	Day : 3	0.7	1.7	5.6	9
0720_03	16 ppm	Day : 23	0.8	2.0	5.7	11
0901_03	32 ppm	Day : 93	0.9	2.6	6.9	22
0902_03	32 ppm	Day : 93	0.9	2.4	6.7	19
0903_03	32 ppm	Day : 93	0.9	2.6	6.7	11
0904_03	32 ppm	Day : 93	0.9	2.5	6.7	21
0905_03	32 ppm	Day : 93	1.0	2.7	7.4	21
0906_03	32 ppm	Day : 93	0.9	2.8	7.1	13
0907_03	32 ppm	Day : 93	1.0	2.4	6.6	19
0908_03	32 ppm	Day : 93	1.0	3.0	7.4	16
0909_03	32 ppm	Day : 93	0.9	3.0	7.0	17
0910_03	32 ppm	Day : 93	1.0	2.9	7.3	23
0911_03	32 ppm	Day : 3	0.8	2.1	5.3	9
0911_03	32 ppm	Day : 23	0.8	2.2	6.0	12

FEMALE

Animal No.	Dose	Time In Study	Creatinine U per L	Globulin g per dL	Protein Total g per dL	SDH IU per L
0912_03	32 ppm	Day : 3	0.8	1.9	5.5	11
0912_03	32 ppm	Day : 23	0.9	2.4	6.3	13
0913_03	32 ppm	Day : 3	0.7	1.9	5.0	8
0913_03	32 ppm	Day : 23	0.8	2.0	5.8	13
0914_03	32 ppm	Day : 3	0.7	1.9	5.0	11
0914_03	32 ppm	Day : 23	0.8	2.4	6.3	11
0915_03	32 ppm	Day : 3	0.7	1.9	5.7	10
0915_03	32 ppm	Day : 23	0.9	2.3	6.5	11
0916_03	32 ppm	Day : 3	0.8	2.3	6.3	10
0916_03	32 ppm	Day : 23	DEAD	DEAD	DEAD	DEAD
0917_03	32 ppm	Day : 3	0.7	1.9	5.2	8
0917_03	32 ppm	Day : 23	0.8	2.3	6.1	10
0918_03	32 ppm	Day : 3	0.7	2.0	5.5	14
0918_03	32 ppm	Day : 23	0.8	2.3	6.4	12
0919_03	32 ppm	Day : 3	0.7	1.8	5.4	12
0919_03	32 ppm	Day : 23	0.8	2.3	6.0	8
0920_03	32 ppm	Day : 3	0.7	2.1	5.4	10
0920_03	32 ppm	Day : 23	0.8	1.4	6.1	11
1101_03	64 ppm	Day : 93	1.0	2.7	6.7	18
1102_03	64 ppm	Day : 93	0.9	2.6	6.7	13
1103_03	64 ppm	Day : 93	1.0	2.4	6.6	11
1104_03	64 ppm	Day : 93	0.8	2.5	6.3	10

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:46:02

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Creatinine U per L	Globulin g per dL	Protein Total g per dL	SDH IU per L
1105_03	64 ppm	Day : 93	0.9	2.7	6.3	12
1106_03	64 ppm	Day : 93	0.9	2.5	6.9	15
1107_03	64 ppm	Day : 93	0.9	2.8	6.7	13
1108_03	64 ppm	Day : 93	0.9	2.8	6.9	13
1109_03	64 ppm	Day : 93	0.9	2.4	7.3	13
1110_03	64 ppm	Day : 93	0.8	2.7	6.6	15
1111_03	64 ppm	Day : 3	0.7	1.9	5.3	10
1111_03	64 ppm	Day : 23	0.8	1.9	5.7	12
1112_03	64 ppm	Day : 3	0.7	1.9	5.5	11
1112_03	64 ppm	Day : 23	0.9	2.0	6.3	17
1113_03	64 ppm	Day : 3	0.7	1.7	5.5	8
1113_03	64 ppm	Day : 23	0.8	2.3	6.3	14
1114_03	64 ppm	Day : 3	0.8	1.8	5.3	12
1114_03	64 ppm	Day : 23	0.9	1.9	5.9	13
1115_03	64 ppm	Day : 3	0.8	1.7	5.4	10
1115_03	64 ppm	Day : 23	0.8	1.9	6.0	12
1116_03	64 ppm	Day : 3	0.8	1.9	5.3	11
1116_03	64 ppm	Day : 23	0.9	2.6	6.7	15
1117_03	64 ppm	Day : 3	0.8	2.1	5.6	12
1117_03	64 ppm	Day : 23	0.8	2.3	6.1	15
1118_03	64 ppm	Day : 3	0.8	2.0	5.4	11
1118_03	64 ppm	Day : 23	DEAD	DEAD	DEAD	DEAD

Experiment Number: 97008-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 18:46:02

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Creatinine U per L	Globulin g per dL	Protein Total g per dL	SDH IU per L
1119_03	64 ppm	Day : 3	0.7	1.8	5.7	10
1119_03	64 ppm	Day : 23	0.8	2.2	5.9	12
1120_03	64 ppm	Day : 3	0.7	1.6	5.2	15
1120_03	64 ppm	Day : 23	0.8	2.1	6.2	14

** END OF REPORT **