

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:50

First Dose M/F: NA / NA

Lab: NA

C Number: C88006B

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

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Time Report Requested: 00:03:50

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_01	0 ppm	Day : 93	4.6	1.7	246	106
0002_01	0 ppm	Day : 93	4.2	1.6	280	131
0003_01	0 ppm	Day : 93	4.1	1.5	289	70
0004_01	0 ppm	Day : 93	3.9	1.3	294	62
0005_01	0 ppm	Day : 93	4.2	1.5	274	74
0006_01	0 ppm	Day : 93	4.0	1.5	270	94
0007_01	0 ppm	Day : 93	4.0	1.3	256	84
0008_01	0 ppm	Day : 93	4.2	1.6	260	125
0009_01	0 ppm	Day : 93	4.1	1.5	291	138
0010_01	0 ppm	Day : 93	4.2	1.4	294	81
0011_01	0 ppm	Day : 3	3.5	1.9	802	68
0011_01	0 ppm	Day : 23	3.8	1.8	510	35
0012_01	0 ppm	Day : 3	3.7	2.3	801	67
0012_01	0 ppm	Day : 23	3.5	1.4	496	41
0013_01	0 ppm	Day : 3	3.8	2.1	785	70
0013_01	0 ppm	Day : 23	3.7	1.4	412	43
0014_01	0 ppm	Day : 3	4.1	2.1	692	50
0014_01	0 ppm	Day : 23	3.8	1.9	525	43
0015_01	0 ppm	Day : 3	3.8	2.0	750	64
0015_01	0 ppm	Day : 23	3.5	1.3	481	40
0016_01	0 ppm	Day : 3	3.9	2.1	734	61
0016_01	0 ppm	Day : 23	3.4	1.3	453	44

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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_01	0 ppm	Day : 3	3.7	1.8	771	70
0017_01	0 ppm	Day : 23	3.4	1.5	497	37
0018_01	0 ppm	Day : 3	3.6	1.6	678	52
0018_01	0 ppm	Day : 23	3.6	1.7	471	38
0019_01	0 ppm	Day : 3	3.9	2.1	820	67
0019_01	0 ppm	Day : 23	3.3	1.3	502	36
0020_01	0 ppm	Day : 3	3.7	2.1	805	70
0020_01	0 ppm	Day : 23	3.7	1.7	550	44
0201_01	75 ppm	Day : 93	4.1	1.3	293	87
0202_01	75 ppm	Day : 93	4.1	1.6	258	127
0203_01	75 ppm	Day : 93	4.2	1.5	283	118
0204_01	75 ppm	Day : 93	3.8	1.3	291	87
0205_01	75 ppm	Day : 93	4.1	1.5	218	83
0206_01	75 ppm	Day : 93	4.2	1.4	274	84
0207_01	75 ppm	Day : 93	4.1	1.6	278	81
0208_01	75 ppm	Day : 93	4.1	1.4	264	67
0209_01	75 ppm	Day : 93	4.6	1.7	350	59
0210_01	75 ppm	Day : 93	3.5	1.2	327	71
0211_01	75 ppm	Day : 3	3.6	1.7	752	63
0211_01	75 ppm	Day : 23	3.5	1.3	438	40
0212_01	75 ppm	Day : 3	3.6	1.9	741	56
0212_01	75 ppm	Day : 23	3.6	1.4	465	40

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MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0213_01	75 ppm	Day : 3	3.5	1.9	771	61
0213_01	75 ppm	Day : 23	3.5	1.3	426	41
0214_01	75 ppm	Day : 3	3.5	2.2	814	64
0214_01	75 ppm	Day : 23	3.4	1.4	467	33
0215_01	75 ppm	Day : 3	3.9	2.6	831	65
0215_01	75 ppm	Day : 23	3.6	1.8	460	36
0216_01	75 ppm	Day : 3	3.8	2.4	736	67
0216_01	75 ppm	Day : 23	3.6	1.3	490	36
0217_01	75 ppm	Day : 3	3.4	1.7	785	65
0217_01	75 ppm	Day : 23	3.5	1.3	434	35
0218_01	75 ppm	Day : 3	3.9	2.3	751	42
0218_01	75 ppm	Day : 23	3.6	1.8	476	36
0219_01	75 ppm	Day : 3	3.9	1.9	740	50
0219_01	75 ppm	Day : 23	3.5	1.4	497	42
0220_01	75 ppm	Day : 3	3.6	2.4	881	65
0220_01	75 ppm	Day : 23	4.0	2.1	502	39
0401_01	150 ppm	Day : 93	4.1	1.6	296	63
0402_01	150 ppm	Day : 93	4.1	1.5	291	59
0403_01	150 ppm	Day : 93	4.0	1.3	339	67
0404_01	150 ppm	Day : 93	4.1	1.6	275	60
0405_01	150 ppm	Day : 93	4.3	1.7	330	70
0406_01	150 ppm	Day : 93	4.1	1.2	286	70

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MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0407_01	150 ppm	Day : 93	4.3	1.6	282	70
0408_01	150 ppm	Day : 93	4.1	1.5	239	77
0409_01	150 ppm	Day : 93	4.0	1.2	306	70
0410_01	150 ppm	Day : 93	4.1	1.3	294	63
0411_01	150 ppm	Day : 3	3.7	2.1	645	54
0411_01	150 ppm	Day : 23	3.6	1.2	435	40
0412_01	150 ppm	Day : 3	3.5	2.1	799	62
0412_01	150 ppm	Day : 23	3.7	1.6	504	40
0413_01	150 ppm	Day : 3	3.8	2.1	706	52
0413_01	150 ppm	Day : 23	3.8	1.7	497	38
0414_01	150 ppm	Day : 3	3.8	1.7	705	50
0414_01	150 ppm	Day : 23	3.8	1.9	474	38
0415_01	150 ppm	Day : 3	3.6	2.1	763	59
0415_01	150 ppm	Day : 23	3.8	1.8	415	37
0416_01	150 ppm	Day : 3	3.5	2.1	864	68
0416_01	150 ppm	Day : 23	3.7	1.5	439	35
0417_01	150 ppm	Day : 3	3.5	2.2	910	66
0417_01	150 ppm	Day : 23	3.5	1.3	441	36
0418_01	150 ppm	Day : 3	3.6	2.1	880	62
0418_01	150 ppm	Day : 23	3.4	1.3	518	35
0419_01	150 ppm	Day : 3	3.5	1.9	938	66
0419_01	150 ppm	Day : 23	3.5	1.2	574	38

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MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0420_01	150 ppm	Day : 3	3.8	2.1	669	53
0420_01	150 ppm	Day : 23	3.7	1.9	457	41
0601_01	300 ppm	Day : 93	4.0	1.4	232	60
0602_01	300 ppm	Day : 93	4.4	1.6	242	100
0603_01	300 ppm	Day : 93	4.2	1.4	239	60
0604_01	300 ppm	Day : 93	4.2	1.4	317	112
0605_01	300 ppm	Day : 93	4.0	1.4	214	76
0606_01	300 ppm	Day : 93	4.3	1.5	294	67
0607_01	300 ppm	Day : 93	4.2	1.7	325	69
0608_01	300 ppm	Day : 93	4.1	2.1	253	59
0609_01	300 ppm	Day : 93	4.2	1.5	265	65
0610_01	300 ppm	Day : 93	4.1	1.5	262	53
0611_01	300 ppm	Day : 3	3.6	2.1	845	63
0611_01	300 ppm	Day : 23	3.6	1.3	424	36
0612_01	300 ppm	Day : 3	3.5	2.1	804	56
0612_01	300 ppm	Day : 23	3.5	1.4	478	32
0613_01	300 ppm	Day : 3	3.7	1.9	780	51
0613_01	300 ppm	Day : 23	3.7	1.8	489	37
0614_01	300 ppm	Day : 3	4.0	2.7	840	69
0614_01	300 ppm	Day : 23	3.9	1.9	550	40
0615_01	300 ppm	Day : 3	4.3	2.5	675	66
0615_01	300 ppm	Day : 23	3.7	1.5	477	42

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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_01	300 ppm	Day : 3	3.9	2.1	699	60
0616_01	300 ppm	Day : 23	3.7	1.3	464	34
0617_01	300 ppm	Day : 3	3.9	2.3	685	50
0617_01	300 ppm	Day : 23	3.4	1.3	447	36
0618_01	300 ppm	Day : 3	3.7	1.9	851	60
0618_01	300 ppm	Day : 23	3.6	1.3	528	37
0619_01	300 ppm	Day : 3	3.6	2.0	846	60
0619_01	300 ppm	Day : 23	3.7	1.4	486	35
0620_01	300 ppm	Day : 3	3.7	2.6	802	66
0620_01	300 ppm	Day : 23	3.8	1.7	514	37
0801_01	600 ppm	Day : 93	4.3	1.7	207	62
0802_01	600 ppm	Day : 93	4.0	1.3	239	45
0803_01	600 ppm	Day : 93	4.1	1.5	255	47
0804_01	600 ppm	Day : 93	4.3	1.6	296	44
0805_01	600 ppm	Day : 93	4.1	1.4	303	49
0806_01	600 ppm	Day : 93	4.6	1.5	280	50
0807_01	600 ppm	Day : 93	4.4	1.6	249	59
0808_01	600 ppm	Day : 93	4.0	1.5	239	45
0809_01	600 ppm	Day : 93	4.1	1.4	253	39
0810_01	600 ppm	Day : 93	4.5	1.5	322	53
0811_01	600 ppm	Day : 3	3.7	2.2	707	55
0811_01	600 ppm	Day : 23	3.8	1.4	403	31

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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_01	600 ppm	Day : 3	3.4	2.3	890	57
0812_01	600 ppm	Day : 23	3.8	1.9	481	32
0813_01	600 ppm	Day : 3	3.9	2.1	707	54
0813_01	600 ppm	Day : 23	4.2	2.0	540	39
0814_01	600 ppm	Day : 3	3.8	2.4	865	54
0814_01	600 ppm	Day : 23	3.2	1.3	522	32
0815_01	600 ppm	Day : 3	3.7	1.9	801	54
0815_01	600 ppm	Day : 23	3.7	1.3	471	31
0816_01	600 ppm	Day : 3	3.8	2.5	674	45
0816_01	600 ppm	Day : 23	3.7	1.4	478	32
0817_01	600 ppm	Day : 3	3.9	1.8	710	59
0817_01	600 ppm	Day : 23	4.2	2.1	564	39
0818_01	600 ppm	Day : 3	4.0	2.9	773	54
0818_01	600 ppm	Day : 23	3.9	1.5	459	34
0819_01	600 ppm	Day : 3	3.8	1.9	700	51
0819_01	600 ppm	Day : 23	3.9	1.9	425	31
0820_01	600 ppm	Day : 3	3.9	2.4	761	54
0820_01	600 ppm	Day : 23	3.6	1.4	476	32
1001_01	1000 ppm	Day : 93	4.7	2.0	240	43
1002_01	1000 ppm	Day : 93	4.2	1.6	284	40
1003_01	1000 ppm	Day : 93	4.0	1.3	290	41
1004_01	1000 ppm	Day : 93	4.2	1.6	291	41

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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
1005_01	1000 ppm	Day : 93	4.6	1.9	278	49
1006_01	1000 ppm	Day : 93	4.5	1.6	245	36
1007_01	1000 ppm	Day : 93	4.3	1.7	236	35
1008_01	1000 ppm	Day : 93	4.4	1.5	252	38
1009_01	1000 ppm	Day : 93	4.1	1.4	259	38
1010_01	1000 ppm	Day : 93	4.3	1.3	270	36
1011_01	1000 ppm	Day : 3	3.9	2.6	685	44
1011_01	1000 ppm	Day : 23	3.5	1.2	459	32
1012_01	1000 ppm	Day : 3	3.5	2.2	694	49
1012_01	1000 ppm	Day : 23	4.0	2.0	514	38
1013_01	1000 ppm	Day : 3	4.1	3.7	628	51
1013_01	1000 ppm	Day : 23	3.7	1.5	425	31
1014_01	1000 ppm	Day : 3	3.9	2.2	607	53
1014_01	1000 ppm	Day : 23	4.0	2.0	443	32
1015_01	1000 ppm	Day : 3	4.0	2.2	550	43
1015_01	1000 ppm	Day : 23	4.0	1.7	441	32
1016_01	1000 ppm	Day : 3	4.0	2.4	700	64
1016_01	1000 ppm	Day : 23	3.7	1.4	403	38
1017_01	1000 ppm	Day : 3	3.8	2.5	702	48
1017_01	1000 ppm	Day : 23	3.9	2.1	500	32
1018_01	1000 ppm	Day : 3	4.1	2.6	653	53
1018_01	1000 ppm	Day : 23	4.0	1.8	363	29

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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
1019_01	1000 ppm	Day : 3	3.9	2.4	703	53
1019_01	1000 ppm	Day : 23	3.6	1.4	531	33
1020_01	1000 ppm	Day : 3	3.9	2.8	747	50
1020_01	1000 ppm	Day : 23	3.6	1.3	551	30

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0001_01	0 ppm	Day : 93	27.2	13	78	1.0
0002_01	0 ppm	Day : 93	48.2	13	140	1.2
0003_01	0 ppm	Day : 93	22.3	14	78	0.9
0004_01	0 ppm	Day : 93	28.6	13	76	0.9
0005_01	0 ppm	Day : 93	29.9	14	157	0.9
0006_01	0 ppm	Day : 93	32.7	14	314	1.0
0007_01	0 ppm	Day : 93	25.5	13	106	1.0
0008_01	0 ppm	Day : 93	32.1	15	96	0.9
0009_01	0 ppm	Day : 93	36.2	13	118	0.9
0010_01	0 ppm	Day : 93	27.9	15	82	1.0
0011_01	0 ppm	Day : 3	28.2	7	256	0.6
0011_01	0 ppm	Day : 23	23.5	8	231	0.9
0012_01	0 ppm	Day : 3	35.6	6	298	0.7
0012_01	0 ppm	Day : 23	31.5	11	329	0.8
0013_01	0 ppm	Day : 3	32.8	7	390	0.6
0013_01	0 ppm	Day : 23	26.5	11	247	0.8
0014_01	0 ppm	Day : 3	28.4	10	426	0.7
0014_01	0 ppm	Day : 23	23.3	10	227	0.9
0015_01	0 ppm	Day : 3	44.6	6	347	0.7
0015_01	0 ppm	Day : 23	27.0	8	210	0.9
0016_01	0 ppm	Day : 3	24.2	8	272	0.7
0016_01	0 ppm	Day : 23	27.3	11	173	0.8

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0017_01	0 ppm	Day : 3	38.7	9	657	0.7
0017_01	0 ppm	Day : 23	25.2	10	246	0.8
0018_01	0 ppm	Day : 3	28.6	10	310	0.7
0018_01	0 ppm	Day : 23	24.0	7	235	0.8
0019_01	0 ppm	Day : 3	32.9	7	371	0.7
0019_01	0 ppm	Day : 23	23.2	7	246	0.8
0020_01	0 ppm	Day : 3	33.9	7	555	0.7
0020_01	0 ppm	Day : 23	10.3	8	372	0.9
0201_01	75 ppm	Day : 93	31.9	13	89	0.9
0202_01	75 ppm	Day : 93	32.4	14	68	1.0
0203_01	75 ppm	Day : 93	49.5	15	110	1.1
0204_01	75 ppm	Day : 93	36.2	14	181	1.1
0205_01	75 ppm	Day : 93	24.0	14	67	0.9
0206_01	75 ppm	Day : 93	30.3	15	154	1.0
0207_01	75 ppm	Day : 93	31.8	15	73	0.9
0208_01	75 ppm	Day : 93	24.0	14	93	0.9
0209_01	75 ppm	Day : 93	31.2	15	94	1.0
0210_01	75 ppm	Day : 93	32.6	15	204	1.0
0211_01	75 ppm	Day : 3	68.1	7	248	0.7
0211_01	75 ppm	Day : 23	30.6	10	237	0.8
0212_01	75 ppm	Day : 3	34.9	6	369	0.6
0212_01	75 ppm	Day : 23	27.3	10	208	0.9

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MALE

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0212_01	75 ppm	Day : 23	27.3	10	208	0.9
0213_01	75 ppm	Day : 3	31.8	7	395	0.7
0213_01	75 ppm	Day : 23	23.6	11	217	0.9
0214_01	75 ppm	Day : 3	38.0	6	306	0.6
0214_01	75 ppm	Day : 23	28.7	9	280	0.9
0215_01	75 ppm	Day : 3	35.7	6	408	0.7
0215_01	75 ppm	Day : 23	26.7	9	293	0.8
0216_01	75 ppm	Day : 3	43.8	7	387	0.6
0216_01	75 ppm	Day : 23	27.6	12	298	0.8
0217_01	75 ppm	Day : 3	31.5	6	247	0.7
0217_01	75 ppm	Day : 23	26.1	10	196	0.8
0218_01	75 ppm	Day : 3	33.9	7	641	0.7
0218_01	75 ppm	Day : 23	26.2	7	171	0.9
0219_01	75 ppm	Day : 3	38.5	7	493	0.8
0219_01	75 ppm	Day : 23	24.8	7	141	0.8
0220_01	75 ppm	Day : 3	31.5	6	367	0.7
0220_01	75 ppm	Day : 23	27.1	8	210	0.9
0401_01	150 ppm	Day : 93	25.3	14	80	0.9
0402_01	150 ppm	Day : 93	30.6	17	86	0.9
0403_01	150 ppm	Day : 93	28.3	16	77	1.0
0404_01	150 ppm	Day : 93	36.6	15	75	1.0
0405_01	150 ppm	Day : 93	29.5	16	118	1.1

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MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0406_01	150 ppm	Day : 93	29.9	16	76	1.0
0407_01	150 ppm	Day : 93	32.4	14	227	0.9
0408_01	150 ppm	Day : 93	25.6	15	130	0.9
0409_01	150 ppm	Day : 93	31.3	17	139	1.0
0410_01	150 ppm	Day : 93	27.4	13	66	1.0
0411_01	150 ppm	Day : 3	31.6	8	314	0.7
0411_01	150 ppm	Day : 23	30.1	10	218	0.9
0412_01	150 ppm	Day : 3	31.5	7	301	0.6
0412_01	150 ppm	Day : 23	32.4	9	301	0.9
0413_01	150 ppm	Day : 3	33.4	7	283	0.7
0413_01	150 ppm	Day : 23	32.3	9	269	1.0
0414_01	150 ppm	Day : 3	29.1	8	246	0.7
0414_01	150 ppm	Day : 23	26.3	9	253	0.9
0415_01	150 ppm	Day : 3	35.7	6	358	0.7
0415_01	150 ppm	Day : 23	30.8	10	300	0.8
0416_01	150 ppm	Day : 3	37.3	6	305	0.6
0416_01	150 ppm	Day : 23	26.0	14	341	0.8
0417_01	150 ppm	Day : 3	32.0	7	292	0.7
0417_01	150 ppm	Day : 23	29.3	10	254	0.8
0418_01	150 ppm	Day : 3	40.1	8	912	0.7
0418_01	150 ppm	Day : 23	26.0	10	159	0.8
0419_01	150 ppm	Day : 3	46.7	6	372	0.6

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Date Report Requested: 10/26/2014

Time Report Requested: 00:03:51

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	Creatine Kinase IU per L	Creatinine U per L
0419_01	150 ppm	Day : 3	46.7	6	372	0.6
0419_01	150 ppm	Day : 23	35.0	8	252	0.8
0420_01	150 ppm	Day : 3	25.6	8	275	0.7
0420_01	150 ppm	Day : 23	29.1	11	248	0.7
0601_01	300 ppm	Day : 93	34.8	14	181	0.9
0602_01	300 ppm	Day : 93	35.9	14	104	1.0
0603_01	300 ppm	Day : 93	30.1	13	86	0.9
0604_01	300 ppm	Day : 93	34.8	15	115	1.0
0605_01	300 ppm	Day : 93	41.8	14	112	0.9
0606_01	300 ppm	Day : 93	31.1	17	89	1.1
0607_01	300 ppm	Day : 93	33.9	16	122	1.0
0608_01	300 ppm	Day : 93	46.1	13	77	0.9
0609_01	300 ppm	Day : 93	39.1	16	86	1.2
0610_01	300 ppm	Day : 93	30.0	14	110	0.9
0611_01	300 ppm	Day : 3	37.7	5	358	0.7
0611_01	300 ppm	Day : 23	33.3	11	214	0.8
0612_01	300 ppm	Day : 3	42.8	7	351	0.7
0612_01	300 ppm	Day : 23	35.3	9	174	0.8
0613_01	300 ppm	Day : 3	34.5	7	387	0.7
0613_01	300 ppm	Day : 23	34.5	9	211	0.9
0614_01	300 ppm	Day : 3	33.9	6	393	0.7
0614_01	300 ppm	Day : 23	32.7	8	284	0.8

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:51

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	Creatine Kinase IU per L	Creatinine U per L
0615_01	300 ppm	Day : 3	32.2	10	426	0.7
0615_01	300 ppm	Day : 23	33.5	10	317	0.9
0616_01	300 ppm	Day : 3	31.5	8	260	0.7
0616_01	300 ppm	Day : 23	39.3	11	251	0.9
0617_01	300 ppm	Day : 3	35.7	9	282	0.7
0617_01	300 ppm	Day : 23	35.0	9	333	0.8
0618_01	300 ppm	Day : 3	47.0	9	520	0.7
0618_01	300 ppm	Day : 23	41.1	12	288	0.8
0619_01	300 ppm	Day : 3	41.6	6	451	0.7
0619_01	300 ppm	Day : 23	32.0	10	184	0.8
0620_01	300 ppm	Day : 3	41.1	5	1013	0.7
0620_01	300 ppm	Day : 23	40.1	8	381	0.9
0801_01	600 ppm	Day : 93	43.5	13	67	0.9
0802_01	600 ppm	Day : 93	38.6	12	77	0.9
0803_01	600 ppm	Day : 93	25.2	12	93	1.0
0804_01	600 ppm	Day : 93	36.6	12	77	1.0
0805_01	600 ppm	Day : 93	32.9	14	68	1.0
0806_01	600 ppm	Day : 93	29.7	13	76	1.0
0807_01	600 ppm	Day : 93	37.8	15	145	1.0
0808_01	600 ppm	Day : 93	29.3	14	67	0.9
0809_01	600 ppm	Day : 93	39.3	16	98	0.9
0810_01	600 ppm	Day : 93	38.4	17	74	1.0

Experiment Number: 88006-01

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 00:03:51

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	Creatine Kinase IU per L	Creatinine U per L
0810_01	600 ppm	Day : 93	38.4	17	74	1.0
0811_01	600 ppm	Day : 3	47.3	6	351	0.6
0811_01	600 ppm	Day : 23	35.7	12	223	0.8
0812_01	600 ppm	Day : 3	50.0	9	392	0.6
0812_01	600 ppm	Day : 23	39.1	14	205	0.8
0813_01	600 ppm	Day : 3	37.7	9	381	0.7
0813_01	600 ppm	Day : 23	43.6	8	243	0.9
0814_01	600 ppm	Day : 3	44.6	9	333	0.7
0814_01	600 ppm	Day : 23	36.9	9	273	0.8
0815_01	600 ppm	Day : 3	43.8	8	505	0.7
0815_01	600 ppm	Day : 23	41.6	8	216	0.8
0816_01	600 ppm	Day : 3	37.7	11	336	0.7
0816_01	600 ppm	Day : 23	43.9	9	167	0.9
0817_01	600 ppm	Day : 3	43.7	13	411	0.7
0817_01	600 ppm	Day : 23	44.1	7	236	0.9
0818_01	600 ppm	Day : 3	49.7	7	371	0.7
0818_01	600 ppm	Day : 23	29.8	15	270	0.8
0819_01	600 ppm	Day : 3	38.3	10	387	0.7
0819_01	600 ppm	Day : 23	44.4	13	268	0.9
0820_01	600 ppm	Day : 3	42.8	11	377	0.7
0820_01	600 ppm	Day : 23	39.3	16	278	0.8
1001_01	1000 ppm	Day : 93	49.0	14	94	1.0

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:51

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	Creatine Kinase IU per L	Creatinine U per L
1002_01	1000 ppm	Day : 93	51.3	14	87	1.0
1003_01	1000 ppm	Day : 93	37.7	14	108	0.9
1004_01	1000 ppm	Day : 93	42.8	14	124	0.9
1005_01	1000 ppm	Day : 93	44.8	14	102	1.0
1006_01	1000 ppm	Day : 93	40.3	15	243	1.0
1007_01	1000 ppm	Day : 93	42.3	13	126	1.0
1008_01	1000 ppm	Day : 93	35.0	16	86	1.0
1009_01	1000 ppm	Day : 93	42.9	12	107	0.9
1010_01	1000 ppm	Day : 93	36.0	16	107	0.9
1011_01	1000 ppm	Day : 3	41.6	12	414	0.7
1011_01	1000 ppm	Day : 23	38.7	14	199	0.8
1012_01	1000 ppm	Day : 3	42.4	12	721	0.6
1012_01	1000 ppm	Day : 23	47.4	15	325	0.9
1013_01	1000 ppm	Day : 3	57.3	14	326	0.6
1013_01	1000 ppm	Day : 23	37.9	16	218	0.9
1014_01	1000 ppm	Day : 3	36.9	13	288	0.7
1014_01	1000 ppm	Day : 23	37.2	14	247	0.8
1015_01	1000 ppm	Day : 3	39.1	12	420	0.6
1015_01	1000 ppm	Day : 23	44.9	11	197	0.9
1016_01	1000 ppm	Day : 3	40.9	10	556	0.7
1016_01	1000 ppm	Day : 23	38.7	14	196	0.9
1017_01	1000 ppm	Day : 3	42.1	11	387	0.7

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:51

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	Creatine Kinase IU per L	Creatinine U per L
1017_01	1000 ppm	Day : 3	42.1	11	387	0.7
1017_01	1000 ppm	Day : 23	46.0	14	254	0.8
1018_01	1000 ppm	Day : 3	41.7	14	230	0.7
1018_01	1000 ppm	Day : 23	37.8	16	218	0.9
1019_01	1000 ppm	Day : 3	45.5	13	324	0.7
1019_01	1000 ppm	Day : 23	41.8	16	283	0.8
1020_01	1000 ppm	Day : 3	52.1	13	501	0.7
1020_01	1000 ppm	Day : 23	40.6	16	266	0.9

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:51

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0001_01	0 ppm	Day : 93	2.7	7.3	21
0002_01	0 ppm	Day : 93	2.7	6.9	22
0003_01	0 ppm	Day : 93	2.7	6.8	15
0004_01	0 ppm	Day : 93	2.9	6.8	16
0005_01	0 ppm	Day : 93	2.8	7.0	16
0006_01	0 ppm	Day : 93	2.6	6.6	17
0007_01	0 ppm	Day : 93	3.1	7.1	18
0008_01	0 ppm	Day : 93	2.7	6.9	20
0009_01	0 ppm	Day : 93	2.8	6.9	24
0010_01	0 ppm	Day : 93	3.0	7.2	18
0011_01	0 ppm	Day : 3	1.8	5.3	10
0011_01	0 ppm	Day : 23	2.1	5.9	12
0012_01	0 ppm	Day : 3	1.6	5.3	9
0012_01	0 ppm	Day : 23	2.5	6.0	11
0013_01	0 ppm	Day : 3	1.8	5.6	11
0013_01	0 ppm	Day : 23	2.6	6.3	13
0014_01	0 ppm	Day : 3	2.0	6.1	12
0014_01	0 ppm	Day : 23	2.0	5.8	14
0015_01	0 ppm	Day : 3	1.9	5.7	10
0015_01	0 ppm	Day : 23	2.8	6.3	14
0016_01	0 ppm	Day : 3	1.9	5.8	11
0016_01	0 ppm	Day : 23	2.6	6.0	14

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:52

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0017_01	0 ppm	Day : 3	2.1	5.8	8
0017_01	0 ppm	Day : 23	2.3	5.7	10
0018_01	0 ppm	Day : 3	2.2	5.8	13
0018_01	0 ppm	Day : 23	2.1	5.7	12
0019_01	0 ppm	Day : 3	1.9	5.8	12
0019_01	0 ppm	Day : 23	2.5	5.8	11
0020_01	0 ppm	Day : 3	1.8	5.5	10
0020_01	0 ppm	Day : 23	2.2	5.9	15
0201_01	75 ppm	Day : 93	3.1	7.2	17
0202_01	75 ppm	Day : 93	2.6	6.7	21
0203_01	75 ppm	Day : 93	2.8	7.0	19
0204_01	75 ppm	Day : 93	3.0	6.8	23
0205_01	75 ppm	Day : 93	2.8	6.9	18
0206_01	75 ppm	Day : 93	2.9	7.1	17
0207_01	75 ppm	Day : 93	2.6	6.7	16
0208_01	75 ppm	Day : 93	3.0	7.1	14
0209_01	75 ppm	Day : 93	2.7	7.3	14
0210_01	75 ppm	Day : 93	3.0	6.5	12
0211_01	75 ppm	Day : 3	2.1	5.7	9
0211_01	75 ppm	Day : 23	2.6	6.1	11
0212_01	75 ppm	Day : 3	1.9	5.5	10
0212_01	75 ppm	Day : 23	2.6	6.2	11

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:52

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0213_01	75 ppm	Day : 3	1.8	5.3	11
0213_01	75 ppm	Day : 23	2.6	6.1	14
0214_01	75 ppm	Day : 3	1.6	5.1	9
0214_01	75 ppm	Day : 23	2.4	5.8	14
0215_01	75 ppm	Day : 3	1.5	5.4	10
0215_01	75 ppm	Day : 23	2.0	5.6	11
0216_01	75 ppm	Day : 3	1.6	5.4	9
0216_01	75 ppm	Day : 23	2.7	6.3	11
0217_01	75 ppm	Day : 3	2.0	5.4	10
0217_01	75 ppm	Day : 23	2.6	6.1	13
0218_01	75 ppm	Day : 3	1.7	5.6	11
0218_01	75 ppm	Day : 23	2.0	5.6	11
0219_01	75 ppm	Day : 3	2.1	6.0	12
0219_01	75 ppm	Day : 23	2.5	6.0	10
0220_01	75 ppm	Day : 3	1.5	5.1	10
0220_01	75 ppm	Day : 23	1.9	5.9	13
0401_01	150 ppm	Day : 93	2.6	6.7	14
0402_01	150 ppm	Day : 93	2.8	6.9	16
0403_01	150 ppm	Day : 93	3.1	7.1	17
0404_01	150 ppm	Day : 93	2.6	6.7	15
0405_01	150 ppm	Day : 93	2.6	6.9	16
0406_01	150 ppm	Day : 93	3.3	7.4	16

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:52

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0407_01	150 ppm	Day : 93	2.7	7.0	14
0408_01	150 ppm	Day : 93	2.7	6.8	14
0409_01	150 ppm	Day : 93	3.3	7.3	13
0410_01	150 ppm	Day : 93	3.1	7.2	15
0411_01	150 ppm	Day : 3	1.8	5.5	10
0411_01	150 ppm	Day : 23	3.0	6.6	11
0412_01	150 ppm	Day : 3	1.7	5.2	10
0412_01	150 ppm	Day : 23	2.3	6.0	12
0413_01	150 ppm	Day : 3	1.8	5.6	10
0413_01	150 ppm	Day : 23	2.2	6.0	16
0414_01	150 ppm	Day : 3	2.2	6.0	11
0414_01	150 ppm	Day : 23	2.0	5.8	13
0415_01	150 ppm	Day : 3	1.7	5.3	9
0415_01	150 ppm	Day : 23	2.1	5.9	13
0416_01	150 ppm	Day : 3	1.7	5.2	10
0416_01	150 ppm	Day : 23	2.4	6.1	14
0417_01	150 ppm	Day : 3	1.6	5.1	12
0417_01	150 ppm	Day : 23	2.8	6.3	13
0418_01	150 ppm	Day : 3	1.7	5.3	8
0418_01	150 ppm	Day : 23	2.7	6.1	11
0419_01	150 ppm	Day : 3	1.8	5.3	10
0419_01	150 ppm	Day : 23	2.9	6.4	10

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:52

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0420_01	150 ppm	Day : 3	1.8	5.6	10
0420_01	150 ppm	Day : 23	1.9	5.6	9
0601_01	300 ppm	Day : 93	2.8	6.8	15
0602_01	300 ppm	Day : 93	2.8	7.2	17
0603_01	300 ppm	Day : 93	2.9	7.1	15
0604_01	300 ppm	Day : 93	2.9	7.1	19
0605_01	300 ppm	Day : 93	2.8	6.8	17
0606_01	300 ppm	Day : 93	2.9	7.2	20
0607_01	300 ppm	Day : 93	2.5	6.7	14
0608_01	300 ppm	Day : 93	2.0	6.1	14
0609_01	300 ppm	Day : 93	2.8	7.0	19
0610_01	300 ppm	Day : 93	2.8	6.9	15
0611_01	300 ppm	Day : 3	1.7	5.3	9
0611_01	300 ppm	Day : 23	2.7	6.3	10
0612_01	300 ppm	Day : 3	1.7	5.2	10
0612_01	300 ppm	Day : 23	2.5	6.0	10
0613_01	300 ppm	Day : 3	1.9	5.6	9
0613_01	300 ppm	Day : 23	2.1	5.8	11
0614_01	300 ppm	Day : 3	1.5	5.5	9
0614_01	300 ppm	Day : 23	2.1	6.0	11
0615_01	300 ppm	Day : 3	1.7	6.0	9
0615_01	300 ppm	Day : 23	2.4	6.1	13

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:52

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0616_01	300 ppm	Day : 3	1.9	5.8	7
0616_01	300 ppm	Day : 23	2.8	6.5	11
0617_01	300 ppm	Day : 3	1.7	5.6	9
0617_01	300 ppm	Day : 23	2.7	6.1	10
0618_01	300 ppm	Day : 3	1.9	5.6	8
0618_01	300 ppm	Day : 23	2.7	6.3	11
0619_01	300 ppm	Day : 3	1.8	5.4	10
0619_01	300 ppm	Day : 23	2.7	6.4	12
0620_01	300 ppm	Day : 3	1.4	5.1	7
0620_01	300 ppm	Day : 23	2.2	6.0	16
0801_01	600 ppm	Day : 93	2.5	6.8	13
0802_01	600 ppm	Day : 93	3.2	7.2	12
0803_01	600 ppm	Day : 93	2.8	6.9	10
0804_01	600 ppm	Day : 93	2.7	7.0	12
0805_01	600 ppm	Day : 93	3.0	7.1	14
0806_01	600 ppm	Day : 93	3.0	7.6	13
0807_01	600 ppm	Day : 93	2.8	7.2	13
0808_01	600 ppm	Day : 93	2.7	6.7	12
0809_01	600 ppm	Day : 93	2.9	7.0	14
0810_01	600 ppm	Day : 93	3.0	7.5	12
0811_01	600 ppm	Day : 3	1.7	5.4	7
0811_01	600 ppm	Day : 23	2.7	6.5	12

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:52

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0812_01	600 ppm	Day : 3	1.5	4.9	10
0812_01	600 ppm	Day : 23	2.0	5.8	10
0813_01	600 ppm	Day : 3	1.9	5.8	10
0813_01	600 ppm	Day : 23	2.1	6.3	12
0814_01	600 ppm	Day : 3	1.6	5.4	10
0814_01	600 ppm	Day : 23	2.5	5.7	10
0815_01	600 ppm	Day : 3	1.9	5.6	6
0815_01	600 ppm	Day : 23	2.9	6.6	11
0816_01	600 ppm	Day : 3	1.5	5.3	10
0816_01	600 ppm	Day : 23	2.6	6.3	11
0817_01	600 ppm	Day : 3	2.2	6.1	10
0817_01	600 ppm	Day : 23	2.0	6.2	13
0818_01	600 ppm	Day : 3	1.4	5.4	9
0818_01	600 ppm	Day : 23	2.6	6.5	13
0819_01	600 ppm	Day : 3	2.0	5.8	10
0819_01	600 ppm	Day : 23	2.1	6.0	13
0820_01	600 ppm	Day : 3	1.6	5.5	10
0820_01	600 ppm	Day : 23	2.6	6.2	9
1001_01	1000 ppm	Day : 93	2.4	7.1	14
1002_01	1000 ppm	Day : 93	2.7	6.9	13
1003_01	1000 ppm	Day : 93	3.0	7.0	13
1004_01	1000 ppm	Day : 93	2.7	6.9	14

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:52

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
1005_01	1000 ppm	Day : 93	2.4	7.0	13
1006_01	1000 ppm	Day : 93	2.8	7.3	13
1007_01	1000 ppm	Day : 93	2.5	6.8	12
1008_01	1000 ppm	Day : 93	3.0	7.4	12
1009_01	1000 ppm	Day : 93	3.0	7.1	12
1010_01	1000 ppm	Day : 93	3.2	7.5	13
1011_01	1000 ppm	Day : 3	1.5	5.4	10
1011_01	1000 ppm	Day : 23	2.9	6.4	12
1012_01	1000 ppm	Day : 3	1.6	5.1	9
1012_01	1000 ppm	Day : 23	2.0	6.0	11
1013_01	1000 ppm	Day : 3	1.1	5.2	9
1013_01	1000 ppm	Day : 23	2.5	6.2	10
1014_01	1000 ppm	Day : 3	1.8	5.7	10
1014_01	1000 ppm	Day : 23	2.0	6.0	10
1015_01	1000 ppm	Day : 3	1.8	5.8	9
1015_01	1000 ppm	Day : 23	2.4	6.4	14
1016_01	1000 ppm	Day : 3	1.7	5.7	10
1016_01	1000 ppm	Day : 23	2.7	6.4	9
1017_01	1000 ppm	Day : 3	1.5	5.3	10
1017_01	1000 ppm	Day : 23	1.9	5.8	13
1018_01	1000 ppm	Day : 3	1.6	5.7	10
1018_01	1000 ppm	Day : 23	2.2	6.2	10

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:52

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
1019_01	1000 ppm	Day : 3	1.6	5.5	10
1019_01	1000 ppm	Day : 23	2.6	6.2	11
1020_01	1000 ppm	Day : 3	1.4	5.3	8
1020_01	1000 ppm	Day : 23	2.7	6.3	10

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:52

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_01	0 ppm	Day : 93	4.0	1.4	300	107
0102_01	0 ppm	Day : 93	3.7	1.3	300	70
0103_01	0 ppm	Day : 93	4.2	1.7	252	75
0104_01	0 ppm	Day : 93	4.0	1.5	251	72
0105_01	0 ppm	Day : 93	4.1	1.5	285	56
0106_01	0 ppm	Day : 93	4.2	1.4	253	59
0107_01	0 ppm	Day : 93	4.1	1.6	215	54
0108_01	0 ppm	Day : 93	4.4	1.8	307	68
0109_01	0 ppm	Day : 93	4.0	1.5	206	42
0110_01	0 ppm	Day : 93	4.1	1.5	197	92
0111_01	0 ppm	Day : 3	2.9	1.4	673	55
0111_01	0 ppm	Day : 23	4.0	2.2	381	30
0112_01	0 ppm	Day : 3	3.6	2.1	658	54
0112_01	0 ppm	Day : 23	4.1	2.2	379	32
0113_01	0 ppm	Day : 3	3.8	2.1	563	40
0113_01	0 ppm	Day : 23	4.0	2.1	312	31
0114_01	0 ppm	Day : 3	3.8	2.1	571	52
0114_01	0 ppm	Day : 23	3.9	2.0	334	32
0115_01	0 ppm	Day : 3	3.9	2.0	520	46
0115_01	0 ppm	Day : 23	4.1	2.2	333	36
0116_01	0 ppm	Day : 3	3.4	2.0	646	57
0116_01	0 ppm	Day : 23	4.2	2.1	382	33

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:52

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_01	0 ppm	Day : 3	3.6	1.8	617	50
0117_01	0 ppm	Day : 23	3.9	1.8	357	35
0118_01	0 ppm	Day : 3	3.6	1.7	647	45
0118_01	0 ppm	Day : 23	4.0	1.8	367	30
0119_01	0 ppm	Day : 3	3.7	2.3	663	60
0119_01	0 ppm	Day : 23	4.2	2.1	391	39
0120_01	0 ppm	Day : 3	3.7	2.1	615	50
0120_01	0 ppm	Day : 23	4.0	1.7	361	30
0301_01	75 ppm	Day : 93	4.3	1.5	254	85
0302_01	75 ppm	Day : 93	4.3	1.6	242	80
0303_01	75 ppm	Day : 93	4.1	1.4	263	58
0304_01	75 ppm	Day : 93	4.0	1.5	298	67
0305_01	75 ppm	Day : 93	4.0	1.5	266	73
0306_01	75 ppm	Day : 93	4.3	1.4	278	66
0307_01	75 ppm	Day : 93	4.1	1.6	270	56
0308_01	75 ppm	Day : 93	3.9	1.7	244	67
0309_01	75 ppm	Day : 93	4.3	1.5	254	68
0310_01	75 ppm	Day : 93	3.8	1.5	208	82
0311_01	75 ppm	Day : 3	3.5	1.8	647	52
0311_01	75 ppm	Day : 23	3.8	1.7	380	40
0312_01	75 ppm	Day : 3	3.6	1.8	553	49
0312_01	75 ppm	Day : 23	3.8	1.7	360	37

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:52

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_01	75 ppm	Day : 3	3.6	1.5	661	48
0313_01	75 ppm	Day : 23	4.5	2.4	366	33
0314_01	75 ppm	Day : 3	3.8	2.5	659	50
0314_01	75 ppm	Day : 23	3.8	1.8	406	31
0315_01	75 ppm	Day : 3	3.8	2.2	579	49
0315_01	75 ppm	Day : 23	4.3	2.2	417	39
0316_01	75 ppm	Day : 3	3.3	1.7	687	53
0316_01	75 ppm	Day : 23	4.1	2.3	353	28
0317_01	75 ppm	Day : 3	3.7	1.9	575	44
0317_01	75 ppm	Day : 23	3.7	2.1	310	27
0318_01	75 ppm	Day : 3	3.6	1.6	501	39
0318_01	75 ppm	Day : 23	4.3	2.3	330	36
0319_01	75 ppm	Day : 3	3.6	1.7	559	42
0319_01	75 ppm	Day : 23	3.9	1.8	367	34
0320_01	75 ppm	Day : 3	3.5	1.8	641	48
0320_01	75 ppm	Day : 23	4.0	1.9	404	32
0501_01	150 ppm	Day : 93	4.1	1.7	249	79
0502_01	150 ppm	Day : 93	4.5	1.7	304	53
0503_01	150 ppm	Day : 93	4.1	1.4	283	64
0504_01	150 ppm	Day : 93	4.2	1.5	263	59
0505_01	150 ppm	Day : 93	4.2	1.4	290	52
0506_01	150 ppm	Day : 93	4.3	1.8	274	58

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:52

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
0507_01	150 ppm	Day : 93	4.3	1.7	287	76
0508_01	150 ppm	Day : 93	4.1	1.6	249	72
0509_01	150 ppm	Day : 93	4.1	1.7	251	68
0510_01	150 ppm	Day : 93	4.1	1.5	276	66
0511_01	150 ppm	Day : 3	3.8	2.1	557	40
0511_01	150 ppm	Day : 23	4.2	2.6	379	27
0512_01	150 ppm	Day : 3	3.8	2.5	549	46
0512_01	150 ppm	Day : 23	3.8	1.6	381	34
0513_01	150 ppm	Day : 3	3.6	2.1	640	52
0513_01	150 ppm	Day : 23	4.3	2.3	377	37
0514_01	150 ppm	Day : 3	3.9	2.3	523	45
0514_01	150 ppm	Day : 23	4.0	2.0	320	28
0515_01	150 ppm	Day : 3	3.6	1.7	495	41
0515_01	150 ppm	Day : 23	3.9	1.6	363	34
0516_01	150 ppm	Day : 3	3.5	1.9	675	53
0516_01	150 ppm	Day : 23	3.8	1.8	425	39
0517_01	150 ppm	Day : 3	3.6	1.8	610	49
0517_01	150 ppm	Day : 23	4.1	1.8	354	27
0518_01	150 ppm	Day : 3	3.7	1.9	562	42
0518_01	150 ppm	Day : 23	4.2	1.9	382	28
0519_01	150 ppm	Day : 3	3.5	1.9	654	55
0519_01	150 ppm	Day : 23	3.9	2.1	405	32

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:52

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_01	150 ppm	Day : 3	3.9	2.0	545	44
0520_01	150 ppm	Day : 23	3.9	2.2	364	33
0701_01	300 ppm	Day : 93	3.9	1.6	333	84
0702_01	300 ppm	Day : 93	4.2	1.6	242	63
0703_01	300 ppm	Day : 93	4.1	1.5	294	57
0704_01	300 ppm	Day : 93	4.3	1.5	260	61
0705_01	300 ppm	Day : 93	4.3	1.7	254	34
0706_01	300 ppm	Day : 93	4.2	1.8	245	52
0707_01	300 ppm	Day : 93	4.2	1.7	326	54
0708_01	300 ppm	Day : 93	4.3	1.5	280	71
0709_01	300 ppm	Day : 93	4.2	1.7	268	44
0710_01	300 ppm	Day : 93	4.2	1.8	264	36
0711_01	300 ppm	Day : 3	3.7	2.2	632	46
0711_01	300 ppm	Day : 23	3.9	1.8	384	30
0712_01	300 ppm	Day : 3	3.5	1.8	567	51
0712_01	300 ppm	Day : 23	4.3	2.7	391	31
0713_01	300 ppm	Day : 3	3.7	1.9	562	51
0713_01	300 ppm	Day : 23	4.1	2.4	393	34
0714_01	300 ppm	Day : 3	3.6	2.1	702	57
0714_01	300 ppm	Day : 23	3.8	1.8	426	34
0715_01	300 ppm	Day : 3	3.4	2.0	626	48
0715_01	300 ppm	Day : 23	3.9	1.9	398	33

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:53

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_01	300 ppm	Day : 3	3.3	1.4	548	45
0716_01	300 ppm	Day : 23	4.0	1.7	336	31
0717_01	300 ppm	Day : 3	3.8	2.4	520	46
0717_01	300 ppm	Day : 23	3.8	1.6	330	25
0718_01	300 ppm	Day : 3	3.7	1.8	621	47
0718_01	300 ppm	Day : 23	4.0	1.9	424	31
0719_01	300 ppm	Day : 3	3.6	1.9	669	56
0719_01	300 ppm	Day : 23	4.2	2.1	431	30
0720_01	300 ppm	Day : 3	3.7	1.5	514	34
0720_01	300 ppm	Day : 23	4.1	1.8	301	27
0901_01	600 ppm	Day : 93	4.3	1.5	258	43
0902_01	600 ppm	Day : 93	4.3	1.4	283	63
0903_01	600 ppm	Day : 93	4.1	1.7	298	44
0904_01	600 ppm	Day : 93	4.2	1.6	319	42
0905_01	600 ppm	Day : 93	4.1	1.8	285	67
0906_01	600 ppm	Day : 93	4.3	1.7	261	43
0907_01	600 ppm	Day : 93	4.0	1.6	253	57
0908_01	600 ppm	Day : 93	4.0	1.4	299	39
0909_01	600 ppm	Day : 93	4.3	1.7	219	36
0910_01	600 ppm	Day : 93	4.3	1.7	201	55
0911_01	600 ppm	Day : 3	3.5	2.1	573	46
0911_01	600 ppm	Day : 23	4.4	2.6	397	30

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:53

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_01	600 ppm	Day : 3	4.0	2.5	456	36
0912_01	600 ppm	Day : 23	3.9	2.0	359	29
0913_01	600 ppm	Day : 3	4.1	2.9	586	48
0913_01	600 ppm	Day : 23	4.0	2.1	378	34
0914_01	600 ppm	Day : 3	4.0	2.1	591	49
0914_01	600 ppm	Day : 23	3.9	1.9	361	36
0915_01	600 ppm	Day : 3	3.6	1.9	595	40
0915_01	600 ppm	Day : 23	4.1	2.4	408	27
0916_01	600 ppm	Day : 3	3.5	1.8	546	38
0916_01	600 ppm	Day : 23	3.9	1.9	367	29
0917_01	600 ppm	Day : 3	3.9	2.3	631	51
0917_01	600 ppm	Day : 23	4.1	1.6	402	35
0918_01	600 ppm	Day : 3	3.7	1.9	551	45
0918_01	600 ppm	Day : 23	3.6	1.8	356	28
0919_01	600 ppm	Day : 3	3.8	1.8	504	44
0919_01	600 ppm	Day : 23	4.0	2.1	347	31
0920_01	600 ppm	Day : 3	4.1	2.9	638	51
0920_01	600 ppm	Day : 23	3.8	1.8	383	29
1101_01	1000 ppm	Day : 93	4.3	1.7	249	47
1102_01	1000 ppm	Day : 93	3.9	1.5	234	32
1103_01	1000 ppm	Day : 93	3.9	1.7	287	37
1104_01	1000 ppm	Day : 93	4.1	1.4	227	35

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:53

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_01	1000 ppm	Day : 93	4.3	1.5	261	36
1106_01	1000 ppm	Day : 93	4.0	1.6	290	30
1107_01	1000 ppm	Day : 93	4.4	1.7	268	34
1108_01	1000 ppm	Day : 93	4.1	1.4	250	31
1109_01	1000 ppm	Day : 93	4.4	1.4	284	32
1110_01	1000 ppm	Day : 93	4.5	1.9	292	38
1111_01	1000 ppm	Day : 3	3.6	2.1	493	42
1111_01	1000 ppm	Day : 23	4.0	1.8	329	31
1112_01	1000 ppm	Day : 3	3.8	2.5	547	42
1112_01	1000 ppm	Day : 23	4.2	2.0	382	32
1113_01	1000 ppm	Day : 3	4.0	2.4	495	43
1113_01	1000 ppm	Day : 23	3.7	1.8	342	29
1114_01	1000 ppm	Day : 3	3.8	2.1	503	32
1114_01	1000 ppm	Day : 23	4.0	1.9	342	29
1115_01	1000 ppm	Day : 3	3.9	2.4	520	43
1115_01	1000 ppm	Day : 23	4.0	2.1	322	28
1116_01	1000 ppm	Day : 3	4.0	2.9	561	45
1116_01	1000 ppm	Day : 23	4.0	1.8	413	31
1117_01	1000 ppm	Day : 3	3.7	1.9	559	49
1117_01	1000 ppm	Day : 23	4.0	2.0	337	29
1118_01	1000 ppm	Day : 3	3.9	2.3	563	40
1118_01	1000 ppm	Day : 23	4.0	1.8	412	38

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:53

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_01	1000 ppm	Day : 3	4.2	2.5	497	39
1119_01	1000 ppm	Day : 23	3.9	1.7	360	32
1120_01	1000 ppm	Day : 3	4.2	2.3	493	42
1120_01	1000 ppm	Day : 23	4.1	2.4	317	31

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0101_01	0 ppm	Day : 93	33.7	13	129	0.9
0102_01	0 ppm	Day : 93	28.9	17	128	0.9
0103_01	0 ppm	Day : 93	22.5	17	77	0.8
0104_01	0 ppm	Day : 93	25.4	18	179	0.8
0105_01	0 ppm	Day : 93	25.1	15	68	0.9
0106_01	0 ppm	Day : 93	25.9	17	79	0.9
0107_01	0 ppm	Day : 93	22.7	26	198	0.9
0108_01	0 ppm	Day : 93	26.5	16	199	0.9
0109_01	0 ppm	Day : 93	21.0	16	73	0.8
0110_01	0 ppm	Day : 93	25.3	17	55	0.8
0111_01	0 ppm	Day : 3	25.4	6	262	0.6
0111_01	0 ppm	Day : 23	24.8	13	175	0.8
0112_01	0 ppm	Day : 3	21.8	6	300	0.6
0112_01	0 ppm	Day : 23	24.4	12	285	0.7
0113_01	0 ppm	Day : 3	24.2	10	450	0.7
0113_01	0 ppm	Day : 23	36.6	14	244	0.8
0114_01	0 ppm	Day : 3	23.8	7	368	0.7
0114_01	0 ppm	Day : 23	31.2	10	162	0.8
0115_01	0 ppm	Day : 3	24.9	13	312	0.6
0115_01	0 ppm	Day : 23	24.7	11	298	0.9
0116_01	0 ppm	Day : 3	30.2	6	286	0.7
0116_01	0 ppm	Day : 23	24.1	11	191	0.8

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0117_01	0 ppm	Day : 3	31.1	6	380	0.7
0117_01	0 ppm	Day : 23	28.8	11	237	0.9
0118_01	0 ppm	Day : 3	23.2	8	392	0.7
0118_01	0 ppm	Day : 23	20.5	15	196	0.9
0119_01	0 ppm	Day : 3	28.5	7	462	0.7
0119_01	0 ppm	Day : 23	22.6	11	127	0.8
0120_01	0 ppm	Day : 3	23.6	8	250	0.6
0120_01	0 ppm	Day : 23	21.4	12	173	0.9
0301_01	75 ppm	Day : 93	25.9	16	104	0.9
0302_01	75 ppm	Day : 93	27.6	15	151	0.8
0303_01	75 ppm	Day : 93	32.6	16	183	0.9
0304_01	75 ppm	Day : 93	64.0	18	118	0.9
0305_01	75 ppm	Day : 93	26.2	17	119	0.9
0306_01	75 ppm	Day : 93	26.1	17	65	0.9
0307_01	75 ppm	Day : 93	22.1	17	114	0.9
0308_01	75 ppm	Day : 93	23.9	17	89	0.8
0309_01	75 ppm	Day : 93	27.8	18	84	0.9
0310_01	75 ppm	Day : 93	31.0	15	205	0.9
0311_01	75 ppm	Day : 3	32.2	6	518	0.6
0311_01	75 ppm	Day : 23	20.6	10	333	0.8
0312_01	75 ppm	Day : 3	34.8	6	432	0.7
0312_01	75 ppm	Day : 23	27.4	11	126	0.8

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:53

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	Creatine Kinase IU per L	Creatinine U per L
0312_01	75 ppm	Day : 23	27.4	11	126	0.8
0313_01	75 ppm	Day : 3	19.6	8	265	0.7
0313_01	75 ppm	Day : 23	24.5	15	186	0.8
0314_01	75 ppm	Day : 3	33.6	8	412	0.6
0314_01	75 ppm	Day : 23	26.6	10	211	0.8
0315_01	75 ppm	Day : 3	21.5	7	253	0.6
0315_01	75 ppm	Day : 23	24.1	14	517	0.8
0316_01	75 ppm	Day : 3	24.2	4	342	0.6
0316_01	75 ppm	Day : 23	22.7	11	237	0.8
0317_01	75 ppm	Day : 3	26.5	10	334	0.7
0317_01	75 ppm	Day : 23	24.1	10	127	0.7
0318_01	75 ppm	Day : 3	19.7	10	337	0.7
0318_01	75 ppm	Day : 23	25.9	12	175	0.8
0319_01	75 ppm	Day : 3	18.1	10	362	0.7
0319_01	75 ppm	Day : 23	25.6	12	162	0.9
0320_01	75 ppm	Day : 3	27.4	8	236	0.6
0320_01	75 ppm	Day : 23	22.3	11	201	0.8
0501_01	150 ppm	Day : 93	23.5	17	101	0.8
0502_01	150 ppm	Day : 93	26.1	16	139	1.0
0503_01	150 ppm	Day : 93	26.6	16	68	0.9
0504_01	150 ppm	Day : 93	25.4	18	95	0.9
0505_01	150 ppm	Day : 93	34.2	16	92	1.0

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0506_01	150 ppm	Day : 93	25.7	16	119	0.8
0507_01	150 ppm	Day : 93	23.5	17	143	0.8
0508_01	150 ppm	Day : 93	51.1	15	187	0.8
0509_01	150 ppm	Day : 93	27.1	15	139	0.9
0510_01	150 ppm	Day : 93	42.0	17	125	0.9
0511_01	150 ppm	Day : 3	27.6	7	319	0.6
0511_01	150 ppm	Day : 23	25.6	10	161	0.8
0512_01	150 ppm	Day : 3	33.0	8	258	0.7
0512_01	150 ppm	Day : 23	24.0	12	212	0.9
0513_01	150 ppm	Day : 3	30.2	6	321	0.7
0513_01	150 ppm	Day : 23	30.9	15	482	0.9
0514_01	150 ppm	Day : 3	29.5	9	194	0.7
0514_01	150 ppm	Day : 23	23.2	13	138	0.8
0515_01	150 ppm	Day : 3	23.7	8	212	0.7
0515_01	150 ppm	Day : 23	24.2	11	240	0.8
0516_01	150 ppm	Day : 3	34.1	8	274	0.7
0516_01	150 ppm	Day : 23	29.6	10	265	0.9
0517_01	150 ppm	Day : 3	22.2	9	351	0.7
0517_01	150 ppm	Day : 23	24.4	14	173	0.8
0518_01	150 ppm	Day : 3	20.6	6	244	0.6
0518_01	150 ppm	Day : 23	24.3	12	202	0.8
0519_01	150 ppm	Day : 3	28.5	6	522	0.7

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0519_01	150 ppm	Day : 3	28.5	6	522	0.7
0519_01	150 ppm	Day : 23	29.0	11	396	0.8
0520_01	150 ppm	Day : 3	21.2	8	453	0.7
0520_01	150 ppm	Day : 23	24.7	9	195	0.8
0701_01	300 ppm	Day : 93	30.7	17	150	1.0
0702_01	300 ppm	Day : 93	27.4	15	102	0.9
0703_01	300 ppm	Day : 93	29.6	16	127	0.9
0704_01	300 ppm	Day : 93	26.2	17	107	0.8
0705_01	300 ppm	Day : 93	25.0	15	163	1.0
0706_01	300 ppm	Day : 93	21.5	16	197	0.8
0707_01	300 ppm	Day : 93	26.0	14	131	0.9
0708_01	300 ppm	Day : 93	37.3	16	146	1.0
0709_01	300 ppm	Day : 93	27.0	17	119	0.8
0710_01	300 ppm	Day : 93	30.1	17	146	0.9
0711_01	300 ppm	Day : 3	29.2	6	239	0.6
0711_01	300 ppm	Day : 23	21.9	11	157	0.8
0712_01	300 ppm	Day : 3	28.6	8	280	0.7
0712_01	300 ppm	Day : 23	31.6	10	263	0.8
0713_01	300 ppm	Day : 3	34.3	10	470	0.7
0713_01	300 ppm	Day : 23	31.5	14	169	0.7
0714_01	300 ppm	Day : 3	36.9	9	562	0.6
0714_01	300 ppm	Day : 23	26.6	12	261	0.8

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:53

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	Creatine Kinase IU per L	Creatinine U per L
0715_01	300 ppm	Day : 3	30.5	8	275	0.7
0715_01	300 ppm	Day : 23	36.2	11	294	0.8
0716_01	300 ppm	Day : 3	22.9	5	1072	0.6
0716_01	300 ppm	Day : 23	26.0	11	167	0.9
0717_01	300 ppm	Day : 3	29.6	8	236	0.6
0717_01	300 ppm	Day : 23	27.6	12	221	0.8
0718_01	300 ppm	Day : 3	29.6	10	370	0.6
0718_01	300 ppm	Day : 23	29.0	11	279	0.9
0719_01	300 ppm	Day : 3	32.2	10	322	0.7
0719_01	300 ppm	Day : 23	27.9	13	127	0.8
0720_01	300 ppm	Day : 3	22.6	7	248	0.7
0720_01	300 ppm	Day : 23	26.7	11	270	0.8
0901_01	600 ppm	Day : 93	28.8	14	326	0.9
0902_01	600 ppm	Day : 93	28.4	16	103	0.9
0903_01	600 ppm	Day : 93	24.1	16	95	0.9
0904_01	600 ppm	Day : 93	23.6	14	82	0.9
0905_01	600 ppm	Day : 93	21.7	15	102	0.9
0906_01	600 ppm	Day : 93	23.5	15	117	0.9
0907_01	600 ppm	Day : 93	27.4	16	98	0.8
0908_01	600 ppm	Day : 93	23.1	16	114	0.9
0909_01	600 ppm	Day : 93	25.9	15	103	0.8
0910_01	600 ppm	Day : 93	25.6	18	102	0.8

Experiment Number: 88006-01

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 00:03:53

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	Creatine Kinase IU per L	Creatinine U per L
0910_01	600 ppm	Day : 93	25.6	18	102	0.8
0911_01	600 ppm	Day : 3	34.0	10	553	0.7
0911_01	600 ppm	Day : 23	31.3	13	329	0.8
0912_01	600 ppm	Day : 3	32.0	9	269	0.7
0912_01	600 ppm	Day : 23	28.3	11	232	0.8
0913_01	600 ppm	Day : 3	35.9	14	457	0.7
0913_01	600 ppm	Day : 23	26.0	7	306	0.8
0914_01	600 ppm	Day : 3	27.7	9	281	0.7
0914_01	600 ppm	Day : 23	27.0	9	216	0.8
0915_01	600 ppm	Day : 3	37.9	12	348	0.6
0915_01	600 ppm	Day : 23	35.8	12	553	0.7
0916_01	600 ppm	Day : 3	32.0	8	317	0.7
0916_01	600 ppm	Day : 23	26.8	10	176	0.8
0917_01	600 ppm	Day : 3	30.9	11	309	0.7
0917_01	600 ppm	Day : 23	40.5	12	659	0.8
0918_01	600 ppm	Day : 3	26.7	13	391	0.7
0918_01	600 ppm	Day : 23	33.1	8	169	0.7
0919_01	600 ppm	Day : 3	29.5	8	250	0.7
0919_01	600 ppm	Day : 23	27.3	9	142	0.8
0920_01	600 ppm	Day : 3	38.2	11	506	0.6
0920_01	600 ppm	Day : 23	26.8	12	294	0.7
1101_01	1000 ppm	Day : 93	31.8	15	116	0.9

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
1102_01	1000 ppm	Day : 93	45.3	13	124	1.0
1103_01	1000 ppm	Day : 93	24.2	18	75	0.9
1104_01	1000 ppm	Day : 93	38.0	13	69	0.9
1105_01	1000 ppm	Day : 93	32.6	16	102	0.9
1106_01	1000 ppm	Day : 93	35.6	15	105	0.9
1107_01	1000 ppm	Day : 93	35.3	15	110	1.0
1108_01	1000 ppm	Day : 93	31.5	15	98	0.9
1109_01	1000 ppm	Day : 93	26.9	14	176	0.9
1110_01	1000 ppm	Day : 93	33.5	14	85	0.9
1111_01	1000 ppm	Day : 3	58.8	13	747	0.6
1111_01	1000 ppm	Day : 23	26.4	12	158	0.9
1112_01	1000 ppm	Day : 3	38.3	11	363	0.6
1112_01	1000 ppm	Day : 23	44.2	13	538	0.8
1113_01	1000 ppm	Day : 3	30.5	12	252	0.7
1113_01	1000 ppm	Day : 23	32.5	11	243	0.9
1114_01	1000 ppm	Day : 3	18.7	10	276	0.7
1114_01	1000 ppm	Day : 23	29.8	9	219	0.8
1115_01	1000 ppm	Day : 3	44.3	17	330	0.6
1115_01	1000 ppm	Day : 23	28.3	13	199	0.8
1116_01	1000 ppm	Day : 3	39.8	16	436	0.6
1116_01	1000 ppm	Day : 23	32.7	13	204	0.9
1117_01	1000 ppm	Day : 3	29.7	10	246	0.7

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:53

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	Creatine Kinase IU per L	Creatinine U per L
1117_01	1000 ppm	Day : 3	29.7	10	246	0.7
1117_01	1000 ppm	Day : 23	25.0	13	231	0.8
1118_01	1000 ppm	Day : 3	32.6	12	397	0.6
1118_01	1000 ppm	Day : 23	40.0	13	636	1.0
1119_01	1000 ppm	Day : 3	27.7	14	253	0.7
1119_01	1000 ppm	Day : 23	29.3	10	165	0.9
1120_01	1000 ppm	Day : 3	40.2	15	439	0.7
1120_01	1000 ppm	Day : 23	28.5	10	162	0.8

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:53

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0101_01	0 ppm	Day : 93	2.8	6.8	19
0102_01	0 ppm	Day : 93	2.9	6.6	15
0103_01	0 ppm	Day : 93	2.5	6.7	14
0104_01	0 ppm	Day : 93	2.6	6.6	12
0105_01	0 ppm	Day : 93	2.8	6.9	11
0106_01	0 ppm	Day : 93	2.9	7.1	12
0107_01	0 ppm	Day : 93	2.5	6.6	13
0108_01	0 ppm	Day : 93	2.5	6.9	13
0109_01	0 ppm	Day : 93	2.6	6.6	9
0110_01	0 ppm	Day : 93	2.7	6.8	15
0111_01	0 ppm	Day : 3	2.1	5.0	10
0111_01	0 ppm	Day : 23	1.8	5.8	10
0112_01	0 ppm	Day : 3	1.7	5.3	13
0112_01	0 ppm	Day : 23	1.9	6.0	10
0113_01	0 ppm	Day : 3	1.8	5.6	13
0113_01	0 ppm	Day : 23	1.9	5.9	11
0114_01	0 ppm	Day : 3	1.8	5.6	11
0114_01	0 ppm	Day : 23	2.0	5.9	10
0115_01	0 ppm	Day : 3	2.0	5.9	11
0115_01	0 ppm	Day : 23	1.9	6.0	13
0116_01	0 ppm	Day : 3	1.7	5.1	11
0116_01	0 ppm	Day : 23	2.0	6.2	11

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:54

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0117_01	0 ppm	Day : 3	2.0	5.6	13
0117_01	0 ppm	Day : 23	2.2	6.1	13
0118_01	0 ppm	Day : 3	2.1	5.7	12
0118_01	0 ppm	Day : 23	2.2	6.2	15
0119_01	0 ppm	Day : 3	1.6	5.3	14
0119_01	0 ppm	Day : 23	2.0	6.2	11
0120_01	0 ppm	Day : 3	1.8	5.5	11
0120_01	0 ppm	Day : 23	2.3	6.3	13
0301_01	75 ppm	Day : 93	2.9	7.2	16
0302_01	75 ppm	Day : 93	2.7	7.0	16
0303_01	75 ppm	Day : 93	2.9	7.0	12
0304_01	75 ppm	Day : 93	2.6	6.6	14
0305_01	75 ppm	Day : 93	2.6	6.6	15
0306_01	75 ppm	Day : 93	3.0	7.3	13
0307_01	75 ppm	Day : 93	2.6	6.7	12
0308_01	75 ppm	Day : 93	2.3	6.2	16
0309_01	75 ppm	Day : 93	2.9	7.2	17
0310_01	75 ppm	Day : 93	2.6	6.4	15
0311_01	75 ppm	Day : 3	1.9	5.4	9
0311_01	75 ppm	Day : 23	2.3	6.1	13
0312_01	75 ppm	Day : 3	2.0	5.6	12
0312_01	75 ppm	Day : 23	2.2	6.0	13

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:54

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0313_01	75 ppm	Day : 3	2.4	6.0	12
0313_01	75 ppm	Day : 23	1.9	6.4	13
0314_01	75 ppm	Day : 3	1.5	5.3	10
0314_01	75 ppm	Day : 23	2.1	5.9	12
0315_01	75 ppm	Day : 3	1.7	5.5	11
0315_01	75 ppm	Day : 23	2.0	6.3	12
0316_01	75 ppm	Day : 3	2.0	5.3	10
0316_01	75 ppm	Day : 23	1.8	5.9	10
0317_01	75 ppm	Day : 3	2.0	5.7	11
0317_01	75 ppm	Day : 23	1.8	5.5	10
0318_01	75 ppm	Day : 3	2.2	5.8	11
0318_01	75 ppm	Day : 23	1.9	6.2	11
0319_01	75 ppm	Day : 3	2.1	5.7	11
0319_01	75 ppm	Day : 23	2.2	6.1	14
0320_01	75 ppm	Day : 3	1.9	5.4	10
0320_01	75 ppm	Day : 23	2.1	6.1	13
0501_01	150 ppm	Day : 93	2.4	6.5	16
0502_01	150 ppm	Day : 93	2.7	7.2	14
0503_01	150 ppm	Day : 93	2.9	7.0	14
0504_01	150 ppm	Day : 93	2.8	7.0	13
0505_01	150 ppm	Day : 93	2.9	7.1	13
0506_01	150 ppm	Day : 93	2.4	6.7	14

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:54

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0507_01	150 ppm	Day : 93	2.5	6.8	15
0508_01	150 ppm	Day : 93	2.5	6.6	16
0509_01	150 ppm	Day : 93	2.4	6.5	16
0510_01	150 ppm	Day : 93	2.8	6.9	13
0511_01	150 ppm	Day : 3	1.8	5.6	11
0511_01	150 ppm	Day : 23	1.6	5.8	13
0512_01	150 ppm	Day : 3	1.5	5.3	11
0512_01	150 ppm	Day : 23	2.4	6.2	16
0513_01	150 ppm	Day : 3	1.7	5.3	14
0513_01	150 ppm	Day : 23	1.9	6.2	13
0514_01	150 ppm	Day : 3	1.7	5.6	12
0514_01	150 ppm	Day : 23	2.0	6.0	14
0515_01	150 ppm	Day : 3	2.1	5.7	15
0515_01	150 ppm	Day : 23	2.4	6.3	15
0516_01	150 ppm	Day : 3	1.8	5.3	14
0516_01	150 ppm	Day : 23	2.1	5.9	14
0517_01	150 ppm	Day : 3	2.0	5.6	11
0517_01	150 ppm	Day : 23	2.3	6.4	10
0518_01	150 ppm	Day : 3	2.0	5.7	11
0518_01	150 ppm	Day : 23	2.2	6.4	10
0519_01	150 ppm	Day : 3	1.8	5.3	13
0519_01	150 ppm	Day : 23	1.9	5.8	10

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:54

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0520_01	150 ppm	Day : 3	2.0	5.9	14
0520_01	150 ppm	Day : 23	1.8	5.7	11
0701_01	300 ppm	Day : 93	2.4	6.3	17
0702_01	300 ppm	Day : 93	2.6	6.8	14
0703_01	300 ppm	Day : 93	2.7	6.8	15
0704_01	300 ppm	Day : 93	2.8	7.1	17
0705_01	300 ppm	Day : 93	2.6	6.9	12
0706_01	300 ppm	Day : 93	2.4	6.6	12
0707_01	300 ppm	Day : 93	2.5	6.7	12
0708_01	300 ppm	Day : 93	2.8	7.1	15
0709_01	300 ppm	Day : 93	2.5	6.7	14
0710_01	300 ppm	Day : 93	2.3	6.5	11
0711_01	300 ppm	Day : 3	1.7	5.4	13
0711_01	300 ppm	Day : 23	2.2	6.1	14
0712_01	300 ppm	Day : 3	1.9	5.4	11
0712_01	300 ppm	Day : 23	1.6	5.9	10
0713_01	300 ppm	Day : 3	1.9	5.6	11
0713_01	300 ppm	Day : 23	1.7	5.8	9
0714_01	300 ppm	Day : 3	1.7	5.3	9
0714_01	300 ppm	Day : 23	2.1	5.9	12
0715_01	300 ppm	Day : 3	1.7	5.1	11
0715_01	300 ppm	Day : 23	2.1	6.0	13

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:54

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0716_01	300 ppm	Day : 3	2.3	5.6	7
0716_01	300 ppm	Day : 23	2.3	6.3	13
0717_01	300 ppm	Day : 3	1.6	5.4	13
0717_01	300 ppm	Day : 23	2.4	6.2	13
0718_01	300 ppm	Day : 3	2.1	5.8	10
0718_01	300 ppm	Day : 23	2.1	6.1	14
0719_01	300 ppm	Day : 3	1.9	5.5	11
0719_01	300 ppm	Day : 23	2.0	6.2	10
0720_01	300 ppm	Day : 3	2.5	6.2	13
0720_01	300 ppm	Day : 23	2.3	6.4	13
0901_01	600 ppm	Day : 93	2.9	7.2	12
0902_01	600 ppm	Day : 93	3.0	7.3	15
0903_01	600 ppm	Day : 93	2.4	6.5	13
0904_01	600 ppm	Day : 93	2.6	6.8	11
0905_01	600 ppm	Day : 93	2.3	6.4	13
0906_01	600 ppm	Day : 93	2.5	6.8	12
0907_01	600 ppm	Day : 93	2.5	6.5	12
0908_01	600 ppm	Day : 93	2.8	6.8	12
0909_01	600 ppm	Day : 93	2.5	6.8	13
0910_01	600 ppm	Day : 93	2.6	6.9	12
0911_01	600 ppm	Day : 3	1.7	5.2	9
0911_01	600 ppm	Day : 23	1.7	6.1	10

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:54

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0912_01	600 ppm	Day : 3	1.6	5.6	12
0912_01	600 ppm	Day : 23	2.0	5.9	13
0913_01	600 ppm	Day : 3	1.4	5.5	11
0913_01	600 ppm	Day : 23	1.9	5.9	15
0914_01	600 ppm	Day : 3	1.9	5.9	11
0914_01	600 ppm	Day : 23	2.1	6.0	16
0915_01	600 ppm	Day : 3	1.9	5.5	10
0915_01	600 ppm	Day : 23	1.7	5.8	10
0916_01	600 ppm	Day : 3	2.0	5.5	11
0916_01	600 ppm	Day : 23	2.1	6.0	13
0917_01	600 ppm	Day : 3	1.7	5.6	12
0917_01	600 ppm	Day : 23	2.5	6.6	14
0918_01	600 ppm	Day : 3	2.0	5.7	10
0918_01	600 ppm	Day : 23	2.0	5.6	13
0919_01	600 ppm	Day : 3	2.1	5.9	14
0919_01	600 ppm	Day : 23	1.9	5.9	15
0920_01	600 ppm	Day : 3	1.4	5.5	9
0920_01	600 ppm	Day : 23	2.1	5.9	11
1101_01	1000 ppm	Day : 93	2.5	6.8	15
1102_01	1000 ppm	Day : 93	2.6	6.5	13
1103_01	1000 ppm	Day : 93	2.3	6.2	13
1104_01	1000 ppm	Day : 93	2.9	7.0	10

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:54

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
1105_01	1000 ppm	Day : 93	2.8	7.1	13
1106_01	1000 ppm	Day : 93	2.5	6.5	13
1107_01	1000 ppm	Day : 93	2.6	7.0	14
1108_01	1000 ppm	Day : 93	3.0	7.1	12
1109_01	1000 ppm	Day : 93	3.1	7.5	12
1110_01	1000 ppm	Day : 93	2.4	6.9	14
1111_01	1000 ppm	Day : 3	1.7	5.3	7
1111_01	1000 ppm	Day : 23	2.2	6.2	13
1112_01	1000 ppm	Day : 3	1.5	5.3	11
1112_01	1000 ppm	Day : 23	2.1	6.3	10
1113_01	1000 ppm	Day : 3	1.7	5.7	13
1113_01	1000 ppm	Day : 23	2.1	5.8	14
1114_01	1000 ppm	Day : 3	1.8	5.6	12
1114_01	1000 ppm	Day : 23	2.1	6.1	13
1115_01	1000 ppm	Day : 3	1.6	5.5	9
1115_01	1000 ppm	Day : 23	1.9	5.9	10
1116_01	1000 ppm	Day : 3	1.4	5.4	9
1116_01	1000 ppm	Day : 23	2.2	6.2	15
1117_01	1000 ppm	Day : 3	1.9	5.6	12
1117_01	1000 ppm	Day : 23	2.0	6.0	13
1118_01	1000 ppm	Day : 3	1.7	5.6	10
1118_01	1000 ppm	Day : 23	2.2	6.2	15

Experiment Number: 88006-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:03:54

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
1119_01	1000 ppm	Day : 3	1.7	5.9	12
1119_01	1000 ppm	Day : 23	2.3	6.2	16
1120_01	1000 ppm	Day : 3	1.8	6.0	7
1120_01	1000 ppm	Day : 23	1.7	5.8	14

** END OF REPORT **