

Experiment Number: 92013-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:13:01

First Dose M/F: NA / NA

Lab: NA

C Number: C92013

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

Experiment Number: 92013-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:13:01

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0001_03	0 ppm	Day : 93	5	247	73	18.7
0002_03	0 ppm	Day : 93	5.1	275	50	13.6
0003_03	0 ppm	Day : 93	5	265	67	14.3
0004_03	0 ppm	Day : 93	4.8	232	66	45.3
0005_03	0 ppm	Day : 93	4.7	241	58	29.2
0006_03	0 ppm	Day : 93	5.1	258	63	20.9
0007_03	0 ppm	Day : 93	5	192	49	13.8
0008_03	0 ppm	Day : 93	4.8	260	76	20.8
0009_03	0 ppm	Day : 93	4.9	268	64	17.3
0010_03	0 ppm	Day : 93	4.9	275	57	16.7
0011_03	625 ppm	Day : 93	5.2	267	67	21.6
0012_03	625 ppm	Day : 93	5	266	79	24.9
0013_03	625 ppm	Day : 93	5.3	256	57	17.6
0014_03	625 ppm	Day : 93	4.8	255	63	14.4
0015_03	625 ppm	Day : 93	4.9	281	80	16.8
0016_03	625 ppm	Day : 93	5.3	292	61	16.3
0017_03	625 ppm	Day : 93	5.1	226	92	24.6
0018_03	625 ppm	Day : 93	4.8	265	67	19.2
0019_03	625 ppm	Day : 93	5.1	299	87	20.2
0020_03	625 ppm	Day : 93	4.7	242	54	16.2
0021_03	1250 ppm	Day : 93	5	282	71	44.8
0022_03	1250 ppm	Day : 93	4.9	298	84	20.2

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0023_03	1250 ppm	Day : 93	5.1	265	69	27.4
0024_03	1250 ppm	Day : 93	5	308	69	12.4
0025_03	1250 ppm	Day : 93	5	244	61	30.3
0026_03	1250 ppm	Day : 93	5.3	242	65	28.9
0027_03	1250 ppm	Day : 93	4.7	300	65	18.1
0028_03	1250 ppm	Day : 93	4.7	250	71	17.3
0029_03	1250 ppm	Day : 93	4.9	302	65	24.5
0030_03	1250 ppm	Day : 93	4.8	259	56	13
0031_03	2500 ppm	Day : 93	5.1	272	72	15.4
0032_03	2500 ppm	Day : 93	4.7	279	66	14.2
0033_03	2500 ppm	Day : 93	5.1	285	87	15.8
0034_03	2500 ppm	Day : 93	5.1	291	90	47.5
0035_03	2500 ppm	Day : 93	5.2	273	105	56.4
0036_03	2500 ppm	Day : 93	5.3	310	111	57.4
0037_03	2500 ppm	Day : 93	4.7	284	82	19.5
0038_03	2500 ppm	Day : 93	5.5	315	110	57.7
0039_03	2500 ppm	Day : 93	4.4	288	62	13.6
0040_03	2500 ppm	Day : 93	4.8	273	66	14.6
0041_03	5000 ppm	Day : 93	5	246	68	34.5
0042_03	5000 ppm	Day : 93	4.9	274	68	15.6
0043_03	5000 ppm	Day : 93	5.2	306	94	32.4
0044_03	5000 ppm	Day : 93	4.6	269	69	31.6

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Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0044_03	5000 ppm	Day : 93	4.6	269	69	31.6
0045_03	5000 ppm	Day : 93	5.2	302	79	14.2
0046_03	5000 ppm	Day : 93	4.8	332	86	16.1
0047_03	5000 ppm	Day : 93	5.2	338	89	32.6
0048_03	5000 ppm	Day : 93	5.1	370	125	57
0049_03	5000 ppm	Day : 93	4.9	262	80	15.3
0050_03	5000 ppm	Day : 93	4.8	275	59	12.3
0051_03	10000 ppm	Day : 93	4.9	450	63	22.2
0052_03	10000 ppm	Day : 93	5	361	90	44.4
0054_03	10000 ppm	Day : 93	4.9	526	78	41.1
0055_03	10000 ppm	Day : 93	4.8	395	56	53.7
0056_03	10000 ppm	Day : 93	4.9	447	70	55.9
0057_03	10000 ppm	Day : 93	4.8	384	74	38.5
0058_03	10000 ppm	Day : 93	4.6	474	55	65.4
0059_03	10000 ppm	Day : 93	4.5	485	73	62.7
0060_03	10000 ppm	Day : 93	5	382	67	16.8
0121_03	0 ppm	Day : 8				
0121_03	0 ppm	Day : 29	4.9	473	44	14.4
0122_03	0 ppm	Day : 8				
0122_03	0 ppm	Day : 29	5	398	45	21
0123_03	0 ppm	Day : 8				
0123_03	0 ppm	Day : 29	5	449	52	44.2

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0124_03	0 ppm	Day : 8				
0124_03	0 ppm	Day : 29	4.7	486	45	15.6
0125_03	0 ppm	Day : 8				
0125_03	0 ppm	Day : 29	4.9	477	42	14.5
0126_03	0 ppm	Day : 8				
0126_03	0 ppm	Day : 29	4.8	488	52	20.5
0127_03	0 ppm	Day : 8				
0127_03	0 ppm	Day : 29	5.1	486	64	40
0128_03	0 ppm	Day : 8				
0128_03	0 ppm	Day : 29	5	438	48	36.8
0129_03	0 ppm	Day : 8				
0129_03	0 ppm	Day : 29	4.8	440	67	19.6
0130_03	0 ppm	Day : 8				
0130_03	0 ppm	Day : 29	5.1	509	54	17.9
0131_03	625 ppm	Day : 8				
0131_03	625 ppm	Day : 29	4.9	440	43	59.5
0132_03	625 ppm	Day : 8				
0132_03	625 ppm	Day : 29	4.7	416	44	22.7
0133_03	625 ppm	Day : 8				
0133_03	625 ppm	Day : 29	4.9	496	53	52.2
0134_03	625 ppm	Day : 8				
0134_03	625 ppm	Day : 29	4.8	504	51	32.5

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0134_03	625 ppm	Day : 29	4.8	504	51	32.5
0135_03	625 ppm	Day : 8				
0135_03	625 ppm	Day : 29	4.6	417	43	34.5
0136_03	625 ppm	Day : 8				
0136_03	625 ppm	Day : 29	5.2	477	62	32
0137_03	625 ppm	Day : 8				
0137_03	625 ppm	Day : 29	4.9	450	45	19.8
0138_03	625 ppm	Day : 8				
0138_03	625 ppm	Day : 29	5	437	51	16.1
0139_03	625 ppm	Day : 8				
0139_03	625 ppm	Day : 29	4.8	461	47	18.9
0140_03	625 ppm	Day : 8				
0140_03	625 ppm	Day : 29	5	460	51	29.1
0141_03	1250 ppm	Day : 8				
0141_03	1250 ppm	Day : 29	5	447	75	18.8
0142_03	1250 ppm	Day : 8				
0142_03	1250 ppm	Day : 29	5	482	51	22.4
0143_03	1250 ppm	Day : 8				
0143_03	1250 ppm	Day : 29	4.8	467	60	29.4
0144_03	1250 ppm	Day : 8				
0144_03	1250 ppm	Day : 29	2.3*	454	54	20.5
0145_03	1250 ppm	Day : 8				

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0145_03	1250 ppm	Day : 29	5.3	518	60	40.4
0146_03	1250 ppm	Day : 8				
0146_03	1250 ppm	Day : 29	5.3	435	51	43.7
0147_03	1250 ppm	Day : 8				
0147_03	1250 ppm	Day : 29	5.3	473	57	68.5
0148_03	1250 ppm	Day : 8				
0148_03	1250 ppm	Day : 29	5.2	475	81	41.1
0149_03	1250 ppm	Day : 8				
0149_03	1250 ppm	Day : 29	5	500	45	34.8
0150_03	1250 ppm	Day : 8				
0150_03	1250 ppm	Day : 29	5.2	473	77	28.3
0151_03	2500 ppm	Day : 8				
0151_03	2500 ppm	Day : 29	5.1	489	97	33.7
0152_03	2500 ppm	Day : 8				
0152_03	2500 ppm	Day : 29	4.4	431	102	21.2
0153_03	2500 ppm	Day : 8				
0153_03	2500 ppm	Day : 29	4.8	479	69	21.3
0154_03	2500 ppm	Day : 8				
0154_03	2500 ppm	Day : 29	5	438	77	46.9
0155_03	2500 ppm	Day : 8				
0155_03	2500 ppm	Day : 29	5	514	78	22.2
0156_03	2500 ppm	Day : 8				

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0156_03	2500 ppm	Day : 8				
0156_03	2500 ppm	Day : 29	4.9	479	109	24.1
0157_03	2500 ppm	Day : 8				
0157_03	2500 ppm	Day : 29	4.7	485	98	49.3
0158_03	2500 ppm	Day : 8				
0158_03	2500 ppm	Day : 29	5	447	136	24
0159_03	2500 ppm	Day : 8				
0159_03	2500 ppm	Day : 29	4.8	473	113	24.3
0160_03	2500 ppm	Day : 8				
0160_03	2500 ppm	Day : 29	4.6	448	70	45.9
0161_03	5000 ppm	Day : 8				
0161_03	5000 ppm	Day : 29	4.8	467	56	29.2
0162_03	5000 ppm	Day : 8				
0162_03	5000 ppm	Day : 29	4.7	465	43	16.1
0163_03	5000 ppm	Day : 8				
0164_03	5000 ppm	Day : 8				
0164_03	5000 ppm	Day : 29	4.8	528	47	23.3
0165_03	5000 ppm	Day : 8				
0165_03	5000 ppm	Day : 29	5	491	51	29.3
0166_03	5000 ppm	Day : 8				
0166_03	5000 ppm	Day : 29	4.9	506	59	25.4
0167_03	5000 ppm	Day : 8				

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0167_03	5000 ppm	Day : 29	4.7	491	52	28.8
0168_03	5000 ppm	Day : 8				
0168_03	5000 ppm	Day : 29	4.6	474	46	19.6
0169_03	5000 ppm	Day : 8				
0169_03	5000 ppm	Day : 29	4.8	533	49	25.5
0170_03	5000 ppm	Day : 8				
0170_03	5000 ppm	Day : 29	5	474	53	42.8
0171_03	10000 ppm	Day : 8				
0171_03	10000 ppm	Day : 29	4.9	800	39	22.1
0172_03	10000 ppm	Day : 8				
0172_03	10000 ppm	Day : 29	4.3	660	33	35.1
0173_03	10000 ppm	Day : 8				
0173_03	10000 ppm	Day : 29	4.7	684	40	25.2
0174_03	10000 ppm	Day : 8				
0174_03	10000 ppm	Day : 29	4.2	671	41	52.1
0175_03	10000 ppm	Day : 8				
0175_03	10000 ppm	Day : 29	4.5	620	43	99.7
0176_03	10000 ppm	Day : 8				
0176_03	10000 ppm	Day : 29	4.8	825	39	43.3
0177_03	10000 ppm	Day : 8				
0177_03	10000 ppm	Day : 29	4.6	663	39	43.6
0178_03	10000 ppm	Day : 8				

Experiment Number: 92013-03

Species/Strain: Rat/Fischer 344

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0178_03	10000 ppm	Day : 8				
0179_03	10000 ppm	Day : 8				
0179_03	10000 ppm	Day : 29	4.3	782	40	15.1
0180_03	10000 ppm	Day : 8				

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0001_03	0 ppm	Day : 93	23	110	0.4	7
0002_03	0 ppm	Day : 93	23	288	0.5	7.2
0003_03	0 ppm	Day : 93	24	358	0.5	7.1
0004_03	0 ppm	Day : 93	23	271	0.4	7
0005_03	0 ppm	Day : 93	22	303	0.4	6.9
0006_03	0 ppm	Day : 93	23	394	0.5	7.3
0007_03	0 ppm	Day : 93	23	389	0.4	6.9
0008_03	0 ppm	Day : 93	19	286	0.3	6.6
0009_03	0 ppm	Day : 93	23	232	0.4	6.6
0010_03	0 ppm	Day : 93	25	289	0.5	6.6
0011_03	625 ppm	Day : 93	22	354	0.5	7.2
0012_03	625 ppm	Day : 93	21	193	0.5	7
0013_03	625 ppm	Day : 93	21	113	0.4	7.2
0014_03	625 ppm	Day : 93	23	238	0.3	6.4
0015_03	625 ppm	Day : 93	25	190	0.5	6.7
0016_03	625 ppm	Day : 93	24	162	0.5	7.3
0017_03	625 ppm	Day : 93	21	222	0.5	7.1
0018_03	625 ppm	Day : 93	21	346	0.4	6.7
0019_03	625 ppm	Day : 93	21	448	0.5	7
0020_03	625 ppm	Day : 93	22	125	0.4	6.2
0021_03	1250 ppm	Day : 93	21	131	0.5	6.9
0022_03	1250 ppm	Day : 93	21	446	0.5	7.3

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Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0023_03	1250 ppm	Day : 93	21	307	0.5	7.4
0024_03	1250 ppm	Day : 93	22	323	0.5	7
0025_03	1250 ppm	Day : 93	22	431	0.5	7.4
0026_03	1250 ppm	Day : 93	22	288	0.5	7.4
0027_03	1250 ppm	Day : 93	22	169	0.4	6.7
0028_03	1250 ppm	Day : 93	24	385	0.4	6.5
0029_03	1250 ppm	Day : 93	22	379	0.5	6.9
0030_03	1250 ppm	Day : 93	22	116	0.4	6.6
0031_03	2500 ppm	Day : 93	22	332	0.6	7
0032_03	2500 ppm	Day : 93	22	313	0.5	6.7
0033_03	2500 ppm	Day : 93	23	355	0.5	6.8
0034_03	2500 ppm	Day : 93	22	180	0.4	6.9
0035_03	2500 ppm	Day : 93	20	232	0.5	7.6
0036_03	2500 ppm	Day : 93	21	263	0.6	7.5
0037_03	2500 ppm	Day : 93	22	434	0.5	6.5
0038_03	2500 ppm	Day : 93	22	345	0.5	7.8
0039_03	2500 ppm	Day : 93	21	217	0.4	6.3
0040_03	2500 ppm	Day : 93	21	376	0.5	6.8
0041_03	5000 ppm	Day : 93	20	424	0.5	6.9
0042_03	5000 ppm	Day : 93	21	412	0.6	6.9
0043_03	5000 ppm	Day : 93	21	350	0.5	7.1
0044_03	5000 ppm	Day : 93	20	427	0.3	6.5

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Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0045_03	5000 ppm	Day : 93	20	493	0.6	7.6
0046_03	5000 ppm	Day : 93	21	574	0.6	6.8
0047_03	5000 ppm	Day : 93	24	131	0.5	7.3
0048_03	5000 ppm	Day : 93	20	185	0.5	7.2
0049_03	5000 ppm	Day : 93	21	433	0.6	7.1
0050_03	5000 ppm	Day : 93	19	502	0.6	7
0051_03	10000 ppm	Day : 93	18	230	0.4	6.6
0052_03	10000 ppm	Day : 93	24	639	0.6	6.9
0054_03	10000 ppm	Day : 93	22	271	0.5	6.9
0055_03	10000 ppm	Day : 93	20	131	0.2	6.4
0056_03	10000 ppm	Day : 93	20	411	0.2	6.6
0057_03	10000 ppm	Day : 93	23	297	0.5	6.5
0058_03	10000 ppm	Day : 93	21	116	0.3	6.4
0059_03	10000 ppm	Day : 93	23	260	0.4	6.4
0060_03	10000 ppm	Day : 93	23	196	0.7	6.6
0121_03	0 ppm	Day : 8				
0121_03	0 ppm	Day : 29	23	399	0.7	6.5
0122_03	0 ppm	Day : 8				
0122_03	0 ppm	Day : 29	21	343	0.7	6.5
0123_03	0 ppm	Day : 8				
0123_03	0 ppm	Day : 29	24	734	0.7	6.7
0124_03	0 ppm	Day : 8				

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Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0124_03	0 ppm	Day : 29	21	182	0.7	6.3
0125_03	0 ppm	Day : 8				
0125_03	0 ppm	Day : 29	25	282	0.7	6.6
0126_03	0 ppm	Day : 8				
0126_03	0 ppm	Day : 29	25	381	0.6	6.4
0127_03	0 ppm	Day : 8				
0127_03	0 ppm	Day : 29	22	250	0.6	7.2
0128_03	0 ppm	Day : 8				
0128_03	0 ppm	Day : 29	23	533	0.7	6.9
0129_03	0 ppm	Day : 8				
0129_03	0 ppm	Day : 29	23	372	0.7	6.6
0130_03	0 ppm	Day : 8				
0130_03	0 ppm	Day : 29	24	274	0.7	7
0131_03	625 ppm	Day : 8				
0131_03	625 ppm	Day : 29	22	296	0.7	6.5
0132_03	625 ppm	Day : 8				
0132_03	625 ppm	Day : 29	26	292	0.7	6.2
0133_03	625 ppm	Day : 8				
0133_03	625 ppm	Day : 29	22	532	0.7	6.6
0134_03	625 ppm	Day : 8				
0134_03	625 ppm	Day : 29	21	560	0.6	6.2
0135_03	625 ppm	Day : 8				

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MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0135_03	625 ppm	Day : 29	24	306	0.7	6.2
0136_03	625 ppm	Day : 8				
0136_03	625 ppm	Day : 29	22	531	0.7	7
0137_03	625 ppm	Day : 8				
0137_03	625 ppm	Day : 29	24	361	0.6	6.3
0138_03	625 ppm	Day : 8				
0138_03	625 ppm	Day : 29	23	353	0.7	7
0139_03	625 ppm	Day : 8				
0139_03	625 ppm	Day : 29	22	409	0.7	6.5
0140_03	625 ppm	Day : 8				
0140_03	625 ppm	Day : 29	28	385	0.8	6.9
0141_03	1250 ppm	Day : 8				
0141_03	1250 ppm	Day : 29	23	194	0.7	6.7
0142_03	1250 ppm	Day : 8				
0142_03	1250 ppm	Day : 29	21	629	0.7	6.7
0143_03	1250 ppm	Day : 8				
0143_03	1250 ppm	Day : 29	24	402	0.7	6.4
0144_03	1250 ppm	Day : 8				
0144_03	1250 ppm	Day : 29	25	443	0.7	6.4
0145_03	1250 ppm	Day : 8				
0145_03	1250 ppm	Day : 29	22	405	0.7	6.8
0146_03	1250 ppm	Day : 8				

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MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0146_03	1250 ppm	Day : 29	21	441	0.7	6.8
0147_03	1250 ppm	Day : 8				
0147_03	1250 ppm	Day : 29	22	406	0.8	6.9
0148_03	1250 ppm	Day : 8				
0148_03	1250 ppm	Day : 29	24	167	0.7	7.2
0149_03	1250 ppm	Day : 8				
0149_03	1250 ppm	Day : 29	25	644	0.7	6.7
0150_03	1250 ppm	Day : 8				
0150_03	1250 ppm	Day : 29	24	541	0.6	6.6
0151_03	2500 ppm	Day : 8				
0151_03	2500 ppm	Day : 29	22	363	0.7	6.6
0152_03	2500 ppm	Day : 8				
0152_03	2500 ppm	Day : 29	23	458	0.7	6
0153_03	2500 ppm	Day : 8				
0153_03	2500 ppm	Day : 29	25	852	0.7	6.6
0154_03	2500 ppm	Day : 8				
0154_03	2500 ppm	Day : 29	22	327	0.7	6.7
0155_03	2500 ppm	Day : 8				
0155_03	2500 ppm	Day : 29	22	436	0.7	6.6
0156_03	2500 ppm	Day : 8				
0156_03	2500 ppm	Day : 29	25	324	0.7	6.6
0157_03	2500 ppm	Day : 8				

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0157_03	2500 ppm	Day : 29	21	266	0.7	6
0158_03	2500 ppm	Day : 8				
0158_03	2500 ppm	Day : 29	23	513	0.7	6.5
0159_03	2500 ppm	Day : 8				
0159_03	2500 ppm	Day : 29	21	283	0.7	6.4
0160_03	2500 ppm	Day : 8				
0160_03	2500 ppm	Day : 29	27	750	0.7	6.1
0161_03	5000 ppm	Day : 8				
0161_03	5000 ppm	Day : 29	20	316	0.7	6.3
0162_03	5000 ppm	Day : 8				
0162_03	5000 ppm	Day : 29	22	266	0.8	6.2
0163_03	5000 ppm	Day : 8				
0164_03	5000 ppm	Day : 8				
0164_03	5000 ppm	Day : 29	19	365	0.8	6.4
0165_03	5000 ppm	Day : 8				
0165_03	5000 ppm	Day : 29	20	480	0.7	6.4
0166_03	5000 ppm	Day : 8				
0166_03	5000 ppm	Day : 29	20	591	0.7	6.5
0167_03	5000 ppm	Day : 8				
0167_03	5000 ppm	Day : 29	19	285	0.7	6.6
0168_03	5000 ppm	Day : 8				
0168_03	5000 ppm	Day : 29	19	392	0.7	6.2

Experiment Number: 92013-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:13:03

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0169_03	5000 ppm	Day : 8				
0169_03	5000 ppm	Day : 29	20	615	0.7	6.6
0170_03	5000 ppm	Day : 8				
0170_03	5000 ppm	Day : 29	23	314	0.7	6.7
0171_03	10000 ppm	Day : 8				
0171_03	10000 ppm	Day : 29	20	539	0.8	6.3
0172_03	10000 ppm	Day : 8				
0172_03	10000 ppm	Day : 29	21	483	0.7	5.7
0173_03	10000 ppm	Day : 8				
0173_03	10000 ppm	Day : 29	19	388	0.7	6.3
0174_03	10000 ppm	Day : 8				
0174_03	10000 ppm	Day : 29	19	310	0.6	5.7
0175_03	10000 ppm	Day : 8				
0175_03	10000 ppm	Day : 29	22	466	0.7	5.9
0176_03	10000 ppm	Day : 8				
0176_03	10000 ppm	Day : 29	24	208	0.7	6.2
0177_03	10000 ppm	Day : 8				
0177_03	10000 ppm	Day : 29	22	316	0.7	6.1
0178_03	10000 ppm	Day : 8				
0179_03	10000 ppm	Day : 8				
0179_03	10000 ppm	Day : 29	19	409	0.7	5.6
0180_03	10000 ppm	Day : 8				

MALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0001_03	0 ppm	Day : 93	21.5	0.53	2	128
0002_03	0 ppm	Day : 93	25.3	0.87	2.4	131
0003_03	0 ppm	Day : 93	22	0.58	2.9	150
0004_03	0 ppm	Day : 93	31.1	0.58	0.8	133
0005_03	0 ppm	Day : 93	18.2	0.61	2.6	140
0006_03	0 ppm	Day : 93	27.6	0.67	2	138
0007_03	0 ppm	Day : 93	16.5	2.39	2.5	183
0008_03	0 ppm	Day : 93	21.8	5.01	2.5	133
0009_03	0 ppm	Day : 93	24.6	0.83	3.2	150
0010_03	0 ppm	Day : 93	29.9	1.33	1.4	138
0011_03	625 ppm	Day : 93	28.5	0.87	3	175
0012_03	625 ppm	Day : 93	31.1	0.73	3.5	152
0013_03	625 ppm	Day : 93	23.1	2.89	3.2	145
0014_03	625 ppm	Day : 93	23.1	0.49	3.5	154
0015_03	625 ppm	Day : 93	30.6	0.76	3.2	143
0016_03	625 ppm	Day : 93	26.3	0.85	3	149
0017_03	625 ppm	Day : 93	47.2	2.45	2.3	157
0018_03	625 ppm	Day : 93	24.3	0.42	1.7	148
0019_03	625 ppm	Day : 93	23.6	1.53	2.2	154
0020_03	625 ppm	Day : 93	19.3	0.93	2.2	138
0021_03	1250 ppm	Day : 93	30.3	1.1	2.9	165

MALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0022_03	1250 ppm	Day : 93	32.1	1.03	3.1	163
0023_03	1250 ppm	Day : 93	29.7	0.37	2.5	126
0024_03	1250 ppm	Day : 93	27.7	0.6	1.4	118
0025_03	1250 ppm	Day : 93	22	0.94	2.3	138
0026_03	1250 ppm	Day : 93	31.4	0.76	1.9	132
0027_03	1250 ppm	Day : 93	21.4	1.82	2.4	156
0028_03	1250 ppm	Day : 93	28.9	0.63	2	152
0029_03	1250 ppm	Day : 93	24.9	0.89	0.8	109
0030_03	1250 ppm	Day : 93	21.8	0.53	2.8	145
0031_03	2500 ppm	Day : 93	28.6	0.75	2	116
0032_03	2500 ppm	Day : 93	24.3	0.74	1.1	125
0033_03	2500 ppm	Day : 93	29.7	0.94	1.9	141
0034_03	2500 ppm	Day : 93	33.8	1.06	3.1	154
0035_03	2500 ppm	Day : 93	44.4	0.76	1.9	128
0036_03	2500 ppm	Day : 93	36	0.75	1.5	117
0037_03	2500 ppm	Day : 93	25.1	0.58	2.6	128
0038_03	2500 ppm	Day : 93	45	1.34	2.2	121
0039_03	2500 ppm	Day : 93	22.7	0.98	2.9	151
0040_03	2500 ppm	Day : 93	24.7	0.9	1.7	123
0041_03	5000 ppm	Day : 93	26.9	0.58	2.2	116
0042_03	5000 ppm	Day : 93	29.5	1.03	3.1	147

MALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0043_03	5000 ppm	Day : 93	37.2	3.4	3.6	155
0044_03	5000 ppm	Day : 93	26.1	4.53	0.9	122
0045_03	5000 ppm	Day : 93	27.9	0.73	3.1	128
0046_03	5000 ppm	Day : 93	27.4	0.92	1.6	136
0047_03	5000 ppm	Day : 93	46	3.18	4.2	156
0048_03	5000 ppm	Day : 93	79.5	1.12	3.7	153
0049_03	5000 ppm	Day : 93	39.6	0.71	3.1	114
0050_03	5000 ppm	Day : 93	23.2	0.55	2.6	147
0051_03	10000 ppm	Day : 93	33.4	2.42	3.9	147
0052_03	10000 ppm	Day : 93	42.9	0.96	2.1	119
0054_03	10000 ppm	Day : 93	39	1.58	4.7	160
0055_03	10000 ppm	Day : 93	31.4	4.14	3.9	156
0056_03	10000 ppm	Day : 93	34.4	1.93	3.5	143
0057_03	10000 ppm	Day : 93	37	0.56	3.9	138
0058_03	10000 ppm	Day : 93	26.6	1.98	4.1	145
0059_03	10000 ppm	Day : 93	36.7	0.55	4.1	142
0060_03	10000 ppm	Day : 93	40.3	1.11	3.5	123
0121_03	0 ppm	Day : 8		1.38	5.3	139
0121_03	0 ppm	Day : 29	21.7	0.58	3.6	143
0122_03	0 ppm	Day : 8		0.69	6.1	166
0122_03	0 ppm	Day : 29	27.9	0.47	2.9	125

MALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0123_03	0 ppm	Day : 8		3.73	5	132
0123_03	0 ppm	Day : 29	19.7	0.09	3.8	153
0124_03	0 ppm	Day : 8		4.83	5.5	148
0124_03	0 ppm	Day : 29	23.5	2.25	3.1	142
0125_03	0 ppm	Day : 8		2.7	3.9	139
0125_03	0 ppm	Day : 29	26.9	0.14	3.8	134
0126_03	0 ppm	Day : 8		1.05	4.6	143
0126_03	0 ppm	Day : 29	23.3	0.03	3.7	123
0127_03	0 ppm	Day : 8		1.99	5.6	136
0127_03	0 ppm	Day : 29	30.4	1.31	3.5	129
0128_03	0 ppm	Day : 8		2.38	4.8	148
0128_03	0 ppm	Day : 29	20	0.53	4.6	163
0129_03	0 ppm	Day : 8		1.33	5.5	145
0129_03	0 ppm	Day : 29	27.3	0	3.8	118
0130_03	0 ppm	Day : 8		0.59	6.1	140
0130_03	0 ppm	Day : 29	29.6	0.16	3.9	123
0131_03	625 ppm	Day : 8		3.52	4.6	162
0131_03	625 ppm	Day : 29	22	1.19	3.7	152
0132_03	625 ppm	Day : 8		0.77	5.6	143
0132_03	625 ppm	Day : 29	25.1	0.11	3.3	157
0133_03	625 ppm	Day : 8		1.78	5.9	173

MALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0133_03	625 ppm	Day : 29	20.7	0.51	3.2	131
0134_03	625 ppm	Day : 8		1.95	5.9	161
0134_03	625 ppm	Day : 29	21.7	1.5	2.2	136
0135_03	625 ppm	Day : 8		2.22	4.3	143
0135_03	625 ppm	Day : 29	19.8	0.7	4.5	172
0136_03	625 ppm	Day : 8		3.89	4.9	152
0136_03	625 ppm	Day : 29	28.6	1.26	3.4	120
0137_03	625 ppm	Day : 8		2.3	4.8	151
0137_03	625 ppm	Day : 29	20.3	1.01	3.2	111
0138_03	625 ppm	Day : 8		0.74	3.1	110
0138_03	625 ppm	Day : 29	22.1	1.92	3.2	126
0139_03	625 ppm	Day : 8		0.5	4.3	129
0139_03	625 ppm	Day : 29	26	0.74	3.7	154
0140_03	625 ppm	Day : 8		4.76	4.8	173
0140_03	625 ppm	Day : 29	28.1	0.49	3.1	137
0141_03	1250 ppm	Day : 8		0.63	5.6	127
0141_03	1250 ppm	Day : 29	35.3	3.26	4.6	149
0142_03	1250 ppm	Day : 8		1.16	4.9	151
0142_03	1250 ppm	Day : 29	21.4	0.3	3.4	130
0143_03	1250 ppm	Day : 8		3.02	5.6	144
0143_03	1250 ppm	Day : 29	33.2	1.58	2.8	116

MALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0144_03	1250 ppm	Day : 8		1.46	5.1	133
0144_03	1250 ppm	Day : 29	23.3	0.2	3.1	130
0145_03	1250 ppm	Day : 8		4.43	4.8	165
0145_03	1250 ppm	Day : 29	29.4	1.67	3.5	158
0146_03	1250 ppm	Day : 8		0.79	5	143
0146_03	1250 ppm	Day : 29	23.4	0.53	3.6	130
0147_03	1250 ppm	Day : 8		4.69	4.7	139
0147_03	1250 ppm	Day : 29	31.2	0.57	3.9	122
0148_03	1250 ppm	Day : 8		2.15	4.7	119
0148_03	1250 ppm	Day : 29	37.1	0.63	3.9	157
0149_03	1250 ppm	Day : 8		0.35	5	142
0149_03	1250 ppm	Day : 29	25.8	1.34	2.9	136
0150_03	1250 ppm	Day : 8		1.06	5.4	151
0150_03	1250 ppm	Day : 29	26.4	1.42	2.2	143
0151_03	2500 ppm	Day : 8		5.46	4.3	136
0151_03	2500 ppm	Day : 29	41.5	1.67	2.8	129
0152_03	2500 ppm	Day : 8		4.73	4.5	172
0152_03	2500 ppm	Day : 29	40.2	0.43	2.8	140
0153_03	2500 ppm	Day : 8		1.59	4.3	121
0153_03	2500 ppm	Day : 29	23.7	0.66	3.2	146
0154_03	2500 ppm	Day : 8		0.57	4.7	133

MALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0154_03	2500 ppm	Day : 29	43.2	0.41	3	118
0155_03	2500 ppm	Day : 8		2.04	4.6	153
0155_03	2500 ppm	Day : 29	42.7	1.48	3.3	156
0156_03	2500 ppm	Day : 8		1.62	6.3	165
0156_03	2500 ppm	Day : 29	47.6	0.19	3.4	123
0157_03	2500 ppm	Day : 8		0.98	4.9	133
0157_03	2500 ppm	Day : 29	42.3	1.98	3.6	151
0158_03	2500 ppm	Day : 8		1.84	5.9	142
0158_03	2500 ppm	Day : 29	44.2	0.8	3	129
0159_03	2500 ppm	Day : 8		2	5	147
0159_03	2500 ppm	Day : 29	60.7	0.28	3.2	139
0160_03	2500 ppm	Day : 8		1.12	5.5	141
0160_03	2500 ppm	Day : 29	22.7	0.08	2.8	158
0161_03	5000 ppm	Day : 8		1.6	4.2	141
0161_03	5000 ppm	Day : 29	31.9	2.31	3.2	136
0162_03	5000 ppm	Day : 8		1	5.4	153
0162_03	5000 ppm	Day : 29	30.5	2.82	3.7	149
0163_03	5000 ppm	Day : 8		1	4.6	168
0164_03	5000 ppm	Day : 8		0.8	5.6	134
0164_03	5000 ppm	Day : 29	35.1	0.57	3	118
0165_03	5000 ppm	Day : 8		5.56	5	156

MALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0165_03	5000 ppm	Day : 29	21.7	0.52	3.7	132
0166_03	5000 ppm	Day : 8		2.33	5.1	164
0166_03	5000 ppm	Day : 29	26.2	0.42	2.5	98
0167_03	5000 ppm	Day : 8		0.86	4.1	133
0167_03	5000 ppm	Day : 29	32.3	1.43	2.6	121
0168_03	5000 ppm	Day : 8		1.9	4.6	134
0168_03	5000 ppm	Day : 29	27.3	1.04	3.8	137
0169_03	5000 ppm	Day : 8		1.39	5.3	128
0169_03	5000 ppm	Day : 29	25.4	1.01	2.9	105
0170_03	5000 ppm	Day : 8		0.8	4.9	141
0170_03	5000 ppm	Day : 29	32.7	2.34	3.5	158
0171_03	10000 ppm	Day : 8		2.76	4.7	145
0171_03	10000 ppm	Day : 29	31.2	1.42	4.3	114
0172_03	10000 ppm	Day : 8		1.02	5.1	138
0172_03	10000 ppm	Day : 29	29.8	0.66	3.4	135
0173_03	10000 ppm	Day : 8		0.41	3.4	121
0173_03	10000 ppm	Day : 29	38.3	0.87	3.7	118
0174_03	10000 ppm	Day : 8		0.27	3.4	114
0174_03	10000 ppm	Day : 29	38.1	2.51	4	156
0175_03	10000 ppm	Day : 8		0.26	3.2	106
0175_03	10000 ppm	Day : 29	33.2	1.44	3.7	120

Experiment Number: 92013-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:13:03

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0176_03	10000 ppm	Day : 8		2.67	3.8	103
0176_03	10000 ppm	Day : 29	35.7	1.22	3.8	116
0177_03	10000 ppm	Day : 8		2	5.5	141
0177_03	10000 ppm	Day : 29	33.1	0.22	3.5	114
0178_03	10000 ppm	Day : 8		2.65	3.8	121
0179_03	10000 ppm	Day : 8		5.36	4.1	160
0179_03	10000 ppm	Day : 29	29.8	1.66	3.8	145
0180_03	10000 ppm	Day : 8		2.34	4.2	139

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0061_03	0 ppm	Day : 93	5.1	196	32	12.6
0062_03	0 ppm	Day : 93	4.7	241	83	14
0063_03	0 ppm	Day : 93	4.8	235	58	18.4
0064_03	0 ppm	Day : 93	5.1	229	58	20.2
0065_03	0 ppm	Day : 93	5	230	48	45.3
0066_03	0 ppm	Day : 93	5	203	63	18
0067_03	0 ppm	Day : 93	5.1	155	35	23.7
0068_03	0 ppm	Day : 93	4.9	220	58	27.3
0069_03	0 ppm	Day : 93	5	223	69	48.1
0070_03	0 ppm	Day : 93	5.1	191	43	31.5
0071_03	625 ppm	Day : 93	5.1	217	55	17.5
0072_03	625 ppm	Day : 93	4.9	216	65	44.6
0073_03	625 ppm	Day : 93	4.9	278	79	41.6
0074_03	625 ppm	Day : 93	5.3	194	82	64.8
0075_03	625 ppm	Day : 93	5.2	200	75	77.1
0076_03	625 ppm	Day : 93	5.3	236	52	26.3
0077_03	625 ppm	Day : 93	5.2	235	66	26.9
0078_03	625 ppm	Day : 93	5.4	230	122	17.5
0079_03	625 ppm	Day : 93	4.8	194	79	38.3
0080_03	625 ppm	Day : 93	4.9	185	63	32.2
0081_03	1250 ppm	Day : 93	4.6	210	33	13.1
0082_03	1250 ppm	Day : 93	5.1	220	38	22.6

Experiment Number: 92013-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:13:03

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0083_03	1250 ppm	Day : 93	4.7	192	102	71.6
0084_03	1250 ppm	Day : 93	5.3	249	40	79
0085_03	1250 ppm	Day : 93	4.9	232	43	53.6
0086_03	1250 ppm	Day : 93	5	226	42	16.9
0087_03	1250 ppm	Day : 93	4.9	244	48	55.9
0088_03	1250 ppm	Day : 93	2.1	219	64	92.1
0089_03	1250 ppm	Day : 93	5	291	47	18.6
0091_03	2500 ppm	Day : 93	4.8	228	79	17.6
0092_03	2500 ppm	Day : 93	5	251	93	80.3
0093_03	2500 ppm	Day : 93	4.8	252	126	92.2
0094_03	2500 ppm	Day : 93	4.8	274	65	19.5
0095_03	2500 ppm	Day : 93	4.9	232	85	49
0096_03	2500 ppm	Day : 93	5.1	222	57	36.1
0097_03	2500 ppm	Day : 93	4.8	236	54	28.3
0098_03	2500 ppm	Day : 93	4.9	253	72	27.8
0099_03	2500 ppm	Day : 93	4.7	264	45	39
0100_03	2500 ppm	Day : 93	4.5	251	52	28
0101_03	5000 ppm	Day : 93	4.9	253	40	18.6
0102_03	5000 ppm	Day : 93	4.6	270	49	71.6
0103_03	5000 ppm	Day : 93	4.6	316	63	66.4
0104_03	5000 ppm	Day : 93	5	312	82	44.2
0105_03	5000 ppm	Day : 93	4.7	234	63	53.6

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0105_03	5000 ppm	Day : 93	4.7	234	63	53.6
0106_03	5000 ppm	Day : 93	4.6	258	47	18.9
0107_03	5000 ppm	Day : 93	4.8	263	54	66.6
0108_03	5000 ppm	Day : 93	5	293	46	28.5
0109_03	5000 ppm	Day : 93	4.6	230	42	40
0110_03	5000 ppm	Day : 93	4.4	235	52	59.1
0111_03	10000 ppm	Day : 93	4.5	251	34	24.7
0112_03	10000 ppm	Day : 93	4.4	341	50	26.5
0113_03	10000 ppm	Day : 93	4.6	329	48	22
0114_03	10000 ppm	Day : 93	4.5	303	57	31
0115_03	10000 ppm	Day : 93	4.4	305	35	17
0116_03	10000 ppm	Day : 93	4.3	315	37	16.7
0117_03	10000 ppm	Day : 93	4.7	368	42	19.7
0118_03	10000 ppm	Day : 93	4.8	363	41	19.9
0119_03	10000 ppm	Day : 93	4.5	322	41	17.9
0120_03	10000 ppm	Day : 93	4.4	315	42	44
0181_03	0 ppm	Day : 8				
0181_03	0 ppm	Day : 29	4.5	344	29	18.9
0182_03	0 ppm	Day : 8				
0182_03	0 ppm	Day : 29	4.8	357	30	18.7
0183_03	0 ppm	Day : 8				
0183_03	0 ppm	Day : 29	4.5	304	41	88.4

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0184_03	0 ppm	Day : 8				
0184_03	0 ppm	Day : 29	1.3*	324	31	39.4
0185_03	0 ppm	Day : 8				
0185_03	0 ppm	Day : 29	4.7	314	30	22.3
0186_03	0 ppm	Day : 8				
0186_03	0 ppm	Day : 29	4.7	334	29	14.5
0187_03	0 ppm	Day : 8				
0187_03	0 ppm	Day : 29	4.4	353	42	55.8
0188_03	0 ppm	Day : 8				
0188_03	0 ppm	Day : 29	5.1	348	29	17.9
0189_03	0 ppm	Day : 8				
0189_03	0 ppm	Day : 29	5	370	31	18.3
0190_03	0 ppm	Day : 8				
0190_03	0 ppm	Day : 29	4.9	307	26	25
0191_03	625 ppm	Day : 8				
0191_03	625 ppm	Day : 29	4.9	339	26	14.4
0192_03	625 ppm	Day : 8				
0192_03	625 ppm	Day : 29	5	336	29	20.1
0193_03	625 ppm	Day : 8				
0193_03	625 ppm	Day : 29	4.8	327	27	28.4
0194_03	625 ppm	Day : 8				
0194_03	625 ppm	Day : 29	4.6	287	26	22.3

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0194_03	625 ppm	Day : 29	4.6	287	26	22.3
0195_03	625 ppm	Day : 8				
0195_03	625 ppm	Day : 29	4.4	317	33	59
0196_03	625 ppm	Day : 8				
0196_03	625 ppm	Day : 29	5	315	30	19.8
0197_03	625 ppm	Day : 8				
0197_03	625 ppm	Day : 29	4.3	308	25	55.6
0198_03	625 ppm	Day : 8				
0198_03	625 ppm	Day : 29	4.6	331	27	42.6
0199_03	625 ppm	Day : 8				
0199_03	625 ppm	Day : 29	4.6	304	25	29.8
0200_03	625 ppm	Day : 8				
0200_03	625 ppm	Day : 29	4.9	331	29	19.9
0201_03	1250 ppm	Day : 8				
0201_03	1250 ppm	Day : 29	4.7	391	32	27.1
0202_03	1250 ppm	Day : 8				
0202_03	1250 ppm	Day : 29	4.9	333	26	28
0203_03	1250 ppm	Day : 8				
0203_03	1250 ppm	Day : 29	5	375	32	28.8
0204_03	1250 ppm	Day : 8				
0204_03	1250 ppm	Day : 29	5.1	348	37	23.2
0205_03	1250 ppm	Day : 8				

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0205_03	1250 ppm	Day : 29	5	374	28	32.5
0206_03	1250 ppm	Day : 8				
0206_03	1250 ppm	Day : 29	4.8	409	35	40.7
0207_03	1250 ppm	Day : 8				
0207_03	1250 ppm	Day : 29	5.2	349	26	26.5
0208_03	1250 ppm	Day : 8				
0208_03	1250 ppm	Day : 29	5.1	345	25	54.8
0209_03	1250 ppm	Day : 8				
0209_03	1250 ppm	Day : 29	4.9	321	31	35.1
0210_03	1250 ppm	Day : 8				
0210_03	1250 ppm	Day : 29	4.7	310	23	17.9
0211_03	2500 ppm	Day : 8				
0211_03	2500 ppm	Day : 29	4.8	307	26	31.3
0212_03	2500 ppm	Day : 8				
0212_03	2500 ppm	Day : 29	4.9	306	28	109.9
0213_03	2500 ppm	Day : 8				
0213_03	2500 ppm	Day : 29	4.5	344	26	31.8
0214_03	2500 ppm	Day : 8				
0214_03	2500 ppm	Day : 29	4.9	385	29	47.8
0215_03	2500 ppm	Day : 8				
0215_03	2500 ppm	Day : 29	4.7	348	26	38.2
0216_03	2500 ppm	Day : 8				

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0216_03	2500 ppm	Day : 8				
0216_03	2500 ppm	Day : 29	4.8	423	29	23.4
0217_03	2500 ppm	Day : 8				
0217_03	2500 ppm	Day : 29	4.7	310	27	34.9
0218_03	2500 ppm	Day : 8				
0218_03	2500 ppm	Day : 29	4.7	363	33	62.9
0219_03	2500 ppm	Day : 8				
0219_03	2500 ppm	Day : 29	4.7	370	29	54.2
0220_03	2500 ppm	Day : 8				
0220_03	2500 ppm	Day : 29	4.9	369	27	23.1
0221_03	5000 ppm	Day : 8				
0221_03	5000 ppm	Day : 29	4.3	359	24	48.8
0222_03	5000 ppm	Day : 8				
0222_03	5000 ppm	Day : 29	4.6	326	20	47.4
0223_03	5000 ppm	Day : 8				
0223_03	5000 ppm	Day : 29	4.8	335	22	72.2
0224_03	5000 ppm	Day : 8				
0224_03	5000 ppm	Day : 29	4.2	325	29	31.2
0225_03	5000 ppm	Day : 8				
0225_03	5000 ppm	Day : 29	4.6	314	22	65
0226_03	5000 ppm	Day : 8				
0226_03	5000 ppm	Day : 29	4.2	305	25	70.1

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0227_03	5000 ppm	Day : 8				
0227_03	5000 ppm	Day : 29	4.8	395	25	29.7
0228_03	5000 ppm	Day : 8				
0228_03	5000 ppm	Day : 29	4.6	350	23	43.6
0229_03	5000 ppm	Day : 8				
0229_03	5000 ppm	Day : 29	4.4	347	23	59.3
0230_03	5000 ppm	Day : 8				
0230_03	5000 ppm	Day : 29	4.5	367	23	20
0231_03	10000 ppm	Day : 8				
0231_03	10000 ppm	Day : 29	4.2	357	26	36.4
0232_03	10000 ppm	Day : 8				
0232_03	10000 ppm	Day : 29	4.6	429	25	23.6
0233_03	10000 ppm	Day : 8				
0233_03	10000 ppm	Day : 29	4.4	427	32	20.6
0234_03	10000 ppm	Day : 8				
0235_03	10000 ppm	Day : 8				
0235_03	10000 ppm	Day : 29	4.2	400	25	46.7
0236_03	10000 ppm	Day : 8				
0237_03	10000 ppm	Day : 8				
0237_03	10000 ppm	Day : 29	4.3	372	25	23.7
0238_03	10000 ppm	Day : 8				
0238_03	10000 ppm	Day : 29	4	402	24	14.5

Experiment Number: 92013-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:13:04

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0238_03	10000 ppm	Day : 29	4	402	24	14.5
0239_03	10000 ppm	Day : 8				
0239_03	10000 ppm	Day : 29	4.8	397	37	59.5
0240_03	10000 ppm	Day : 8				

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0061_03	0 ppm	Day : 93	17	417	0.4	6.9
0062_03	0 ppm	Day : 93	26	641	0.5	6.5
0063_03	0 ppm	Day : 93	24	194	0.5	6.5
0064_03	0 ppm	Day : 93	24	275	0.5	6.8
0065_03	0 ppm	Day : 93	22	214	0.4	6.6
0066_03	0 ppm	Day : 93	26	347	0.5	6.8
0067_03	0 ppm	Day : 93	19	249	0.5	7.7
0068_03	0 ppm	Day : 93	25	630	0.4	6.5
0069_03	0 ppm	Day : 93	22	374	0.5	6.8
0070_03	0 ppm	Day : 93	20	672	0.5	7
0071_03	625 ppm	Day : 93	21	357	0.5	6.6
0072_03	625 ppm	Day : 93	26	748	0.6	6.2
0073_03	625 ppm	Day : 93	24	358	0.6	6.3
0074_03	625 ppm	Day : 93	19	267	0.5	7
0075_03	625 ppm	Day : 93	21	161	0.6	6.7
0076_03	625 ppm	Day : 93	17	333	0.5	7.3
0077_03	625 ppm	Day : 93	27	648	0.5	7.1
0078_03	625 ppm	Day : 93	21	614	0.6	7.2
0079_03	625 ppm	Day : 93	24	330	0.6	6.4
0080_03	625 ppm	Day : 93	19	387	0.5	6.5
0081_03	1250 ppm	Day : 93	20	311	0.5	6
0082_03	1250 ppm	Day : 93	20	330	0.6	7.3

Experiment Number: 92013-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:13:04

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0083_03	1250 ppm	Day : 93	21	106	0.5	6.9
0084_03	1250 ppm	Day : 93	19	183	0.6	6.9
0085_03	1250 ppm	Day : 93	23	475	0.4	6.5
0086_03	1250 ppm	Day : 93	21	387	0.5	6.7
0087_03	1250 ppm	Day : 93	23	492	0.5	6.8
0088_03	1250 ppm	Day : 93	25	212	0.8	2.3
0089_03	1250 ppm	Day : 93	20	387	0.5	6.7
0091_03	2500 ppm	Day : 93	21	235	0.5	6.3
0092_03	2500 ppm	Day : 93	22	461	0.6	6.9
0093_03	2500 ppm	Day : 93	22	195	0.7	6.4
0094_03	2500 ppm	Day : 93	24	352	0.5	6.1
0095_03	2500 ppm	Day : 93	22	436	0.6	6.4
0096_03	2500 ppm	Day : 93	21	501	0.6	6.7
0097_03	2500 ppm	Day : 93	23	444	0.6	6.4
0098_03	2500 ppm	Day : 93	23	596	0.6	6.7
0099_03	2500 ppm	Day : 93	22	481	0.6	6.1
0100_03	2500 ppm	Day : 93	19	344	0.5	6.4
0101_03	5000 ppm	Day : 93	17	271	0.6	6.3
0102_03	5000 ppm	Day : 93	22	494	0.5	6.3
0103_03	5000 ppm	Day : 93	20	526	0.6	6.2
0104_03	5000 ppm	Day : 93	24	289	0.6	6.6
0105_03	5000 ppm	Day : 93	23	319	0.7	6.1

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0106_03	5000 ppm	Day : 93	21	628	0.6	6.2
0107_03	5000 ppm	Day : 93	22	665	0.6	6.6
0108_03	5000 ppm	Day : 93	22	531	0.6	6.8
0109_03	5000 ppm	Day : 93	24	274	0.7	6
0110_03	5000 ppm	Day : 93	19	204	0.6	5.9
0111_03	10000 ppm	Day : 93	26	586	0.6	5.7
0112_03	10000 ppm	Day : 93	25	421	0.5	5.9
0113_03	10000 ppm	Day : 93	25	345	0.6	6
0114_03	10000 ppm	Day : 93	23	639	0.5	5.9
0115_03	10000 ppm	Day : 93	28	464	0.4	5.7
0116_03	10000 ppm	Day : 93	22	546	0.5	6
0117_03	10000 ppm	Day : 93	22	291	0.5	6
0118_03	10000 ppm	Day : 93	23	273	0.6	6.4
0119_03	10000 ppm	Day : 93	22	630	0.6	6
0120_03	10000 ppm	Day : 93	21	675	0.5	6.2
0181_03	0 ppm	Day : 8				
0181_03	0 ppm	Day : 29	26	511	0.7	5.8
0182_03	0 ppm	Day : 8				
0182_03	0 ppm	Day : 29	21	588	0.7	6.2
0183_03	0 ppm	Day : 8				
0183_03	0 ppm	Day : 29	25	688	0.6	5.8
0184_03	0 ppm	Day : 8				

Experiment Number: 92013-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 11:13:04

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0184_03	0 ppm	Day : 29	22	670	0.7	6.1
0185_03	0 ppm	Day : 8				
0185_03	0 ppm	Day : 29	26	671	0.7	6.2
0186_03	0 ppm	Day : 8				
0186_03	0 ppm	Day : 29	26	240	0.6	6.1
0187_03	0 ppm	Day : 8				
0187_03	0 ppm	Day : 29	25	3492*	0.6	5.7
0188_03	0 ppm	Day : 8				
0188_03	0 ppm	Day : 29	21	518	0.7	6.5
0189_03	0 ppm	Day : 8				
0189_03	0 ppm	Day : 29	27	491	0.7	6.3
0190_03	0 ppm	Day : 8				
0190_03	0 ppm	Day : 29	27	542	0.7	6.4
0191_03	625 ppm	Day : 8				
0191_03	625 ppm	Day : 29	25	632	0.6	6.1
0192_03	625 ppm	Day : 8				
0192_03	625 ppm	Day : 29	24	836	0.7	6.3
0193_03	625 ppm	Day : 8				
0193_03	625 ppm	Day : 29	24	696	0.7	6.3
0194_03	625 ppm	Day : 8				
0194_03	625 ppm	Day : 29	24	706	0.7	5.8
0195_03	625 ppm	Day : 8				

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0195_03	625 ppm	Day : 29	21	555	0.7	5.9
0196_03	625 ppm	Day : 8				
0196_03	625 ppm	Day : 29	24	358	0.7	6.5
0197_03	625 ppm	Day : 8				
0197_03	625 ppm	Day : 29	25	280	0.6	5.7
0198_03	625 ppm	Day : 8				
0198_03	625 ppm	Day : 29	23	577	0.7	5.9
0199_03	625 ppm	Day : 8				
0199_03	625 ppm	Day : 29	24	523	0.7	6
0200_03	625 ppm	Day : 8				
0200_03	625 ppm	Day : 29	25	558	0.7	6.3
0201_03	1250 ppm	Day : 8				
0201_03	1250 ppm	Day : 29	23	648	0.7	6.3
0202_03	1250 ppm	Day : 8				
0202_03	1250 ppm	Day : 29	27	327	0.7	6.4
0203_03	1250 ppm	Day : 8				
0203_03	1250 ppm	Day : 29	24	536	0.8	6.5
0204_03	1250 ppm	Day : 8				
0204_03	1250 ppm	Day : 29	25	290	0.8	6.6
0205_03	1250 ppm	Day : 8				
0205_03	1250 ppm	Day : 29	26	375	0.8	6.5
0206_03	1250 ppm	Day : 8				

Experiment Number: 92013-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:13:04

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0206_03	1250 ppm	Day : 29	25	504	0.8	6
0207_03	1250 ppm	Day : 8				
0207_03	1250 ppm	Day : 29	26	464	0.7	6.7
0208_03	1250 ppm	Day : 8				
0208_03	1250 ppm	Day : 29	23	514	0.7	6.6
0209_03	1250 ppm	Day : 8				
0209_03	1250 ppm	Day : 29	24	481	0.7	6.4
0210_03	1250 ppm	Day : 8				
0210_03	1250 ppm	Day : 29	25	619	0.7	6
0211_03	2500 ppm	Day : 8				
0211_03	2500 ppm	Day : 29	24	484	0.7	6
0212_03	2500 ppm	Day : 8				
0212_03	2500 ppm	Day : 29	23	792	0.7	6.2
0213_03	2500 ppm	Day : 8				
0213_03	2500 ppm	Day : 29	23	705	0.7	6
0214_03	2500 ppm	Day : 8				
0214_03	2500 ppm	Day : 29	25	415	0.8	6.3
0215_03	2500 ppm	Day : 8				
0215_03	2500 ppm	Day : 29	23	737	0.7	6.4
0216_03	2500 ppm	Day : 8				
0216_03	2500 ppm	Day : 29	21	393	0.7	6.2
0217_03	2500 ppm	Day : 8				

Experiment Number: 92013-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:13:04

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0217_03	2500 ppm	Day : 29	27	493	0.7	6.1
0218_03	2500 ppm	Day : 8				
0218_03	2500 ppm	Day : 29	25	348	0.8	6.1
0219_03	2500 ppm	Day : 8				
0219_03	2500 ppm	Day : 29	24	620	0.7	6.2
0220_03	2500 ppm	Day : 8				
0220_03	2500 ppm	Day : 29	23	815	0.8	6.2
0221_03	5000 ppm	Day : 8				
0221_03	5000 ppm	Day : 29	22	598	0.8	5.8
0222_03	5000 ppm	Day : 8				
0222_03	5000 ppm	Day : 29	20	920	0.7	6
0223_03	5000 ppm	Day : 8				
0223_03	5000 ppm	Day : 29	18	695	0.8	6.3
0224_03	5000 ppm	Day : 8				
0224_03	5000 ppm	Day : 29	21	1637	0.8	10.1
0225_03	5000 ppm	Day : 8				
0225_03	5000 ppm	Day : 29	23	614	0.7	5.9
0226_03	5000 ppm	Day : 8				
0226_03	5000 ppm	Day : 29	21	554	0.6	5.4
0227_03	5000 ppm	Day : 8				
0227_03	5000 ppm	Day : 29	18	575	0.7	6
0228_03	5000 ppm	Day : 8				

Experiment Number: 92013-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:13:05

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0228_03	5000 ppm	Day : 29	21	690	0.7	5.9
0229_03	5000 ppm	Day : 8				
0229_03	5000 ppm	Day : 29	22	678	0.7	5.8
0230_03	5000 ppm	Day : 8				
0230_03	5000 ppm	Day : 29	21	270	0.7	6.1
0231_03	10000 ppm	Day : 8				
0231_03	10000 ppm	Day : 29	17	566	0.6	5.5
0232_03	10000 ppm	Day : 8				
0232_03	10000 ppm	Day : 29	22	612	0.7	6
0233_03	10000 ppm	Day : 8				
0233_03	10000 ppm	Day : 29	19	851	0.6	5.7
0234_03	10000 ppm	Day : 8				
0235_03	10000 ppm	Day : 8				
0235_03	10000 ppm	Day : 29	21	599	0.7	5.5
0236_03	10000 ppm	Day : 8				
0237_03	10000 ppm	Day : 8				
0237_03	10000 ppm	Day : 29	20	498	0.7	5.7
0238_03	10000 ppm	Day : 8				
0238_03	10000 ppm	Day : 29	20	801	0.6	5.5
0239_03	10000 ppm	Day : 8				
0239_03	10000 ppm	Day : 29	22	1063	0.7	6.4
0240_03	10000 ppm	Day : 8				

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0061_03	0 ppm	Day : 93	15.9	1.52	2.8	137
0062_03	0 ppm	Day : 93	19.2	0.25	1.2	137
0063_03	0 ppm	Day : 93	27.6	0.61	3.7	146
0064_03	0 ppm	Day : 93	28.8	1.1	3	159
0065_03	0 ppm	Day : 93	26.6	0.97	2.3	134
0066_03	0 ppm	Day : 93	22.3	0.33	2.2	138
0067_03	0 ppm	Day : 93	20.7	2.44	4.3	163
0068_03	0 ppm	Day : 93	11.8	1	1.7	143
0069_03	0 ppm	Day : 93	27.6	1.26	2.4	133
0070_03	0 ppm	Day : 93	12	1.19	2.4	139
0071_03	625 ppm	Day : 93	23.5	0.44	2.7	132
0072_03	625 ppm	Day : 93	16	0.34	2.3	121
0073_03	625 ppm	Day : 93	36.5	0.86	1.8	121
0074_03	625 ppm	Day : 93	35.2	3	3.4	156
0075_03	625 ppm	Day : 93	37.7	1.84	3.6	146
0076_03	625 ppm	Day : 93	32.6	1.03	2.8	162
0077_03	625 ppm	Day : 93	15.3	0.43	0.9	122
0078_03	625 ppm	Day : 93	32	1.13	1.5	127
0079_03	625 ppm	Day : 93	33	0.47	2.1	144
0080_03	625 ppm	Day : 93	19.3	1.03	3.7	180
0081_03	1250 ppm	Day : 93	18.5	0.46	1.2	129

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0082_03	1250 ppm	Day : 93	34.1	1.51	3.1	130
0083_03	1250 ppm	Day : 93	42.5	1.42	2.8	159
0084_03	1250 ppm	Day : 93	29.4	0.59	3	117
0085_03	1250 ppm	Day : 93	16.8	0.76	2.5	131
0086_03	1250 ppm	Day : 93	23.1	1.28	3.2	128
0087_03	1250 ppm	Day : 93	19.3	0.96	3.1	129
0088_03	1250 ppm	Day : 93	38.5	1.72	2.8	207
0089_03	1250 ppm	Day : 93	19.8	0.7	4.1	160
0091_03	2500 ppm	Day : 93	29.5	0.73	1.6	136
0092_03	2500 ppm	Day : 93	27.7	1.23	1.7	115
0093_03	2500 ppm	Day : 93	58.6	1.38	2.6	157
0094_03	2500 ppm	Day : 93	24.8	0.77	2.2	104
0095_03	2500 ppm	Day : 93	25.5	0.54	2.6	128
0096_03	2500 ppm	Day : 93	18.3	0.96	2.5	126
0097_03	2500 ppm	Day : 93	28.9	0.79	1.9	132
0098_03	2500 ppm	Day : 93	18.4	0.71	1.8	140
0099_03	2500 ppm	Day : 93	28	0.55	1.3	122
0100_03	2500 ppm	Day : 93	22.4	1.45	2.4	156
0101_03	5000 ppm	Day : 93	29.1	1.43	2.9	154
0102_03	5000 ppm	Day : 93	18.1	0.6	2.1	109
0103_03	5000 ppm	Day : 93	20.1	0.93	3.1	163

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0104_03	5000 ppm	Day : 93	37.8	1.59	0.8	125
0105_03	5000 ppm	Day : 93	37.7	0.71	2.2	113
0106_03	5000 ppm	Day : 93	17.4	0.85	2	133
0107_03	5000 ppm	Day : 93	18.9	0.71	2.6	125
0108_03	5000 ppm	Day : 93	17	1.73	4.3	153
0109_03	5000 ppm	Day : 93	33	0.69	1.8	121
0110_03	5000 ppm	Day : 93	30.8	1.29	3	159
0111_03	10000 ppm	Day : 93	15.4	0.61	1.9	121
0112_03	10000 ppm	Day : 93	27.3	1.3	2.2	158
0113_03	10000 ppm	Day : 93	26.8	0.72	1.2	113
0114_03	10000 ppm	Day : 93	21.8	1.15	1	133
0115_03	10000 ppm	Day : 93	24.4	0.82	2.4	121
0116_03	10000 ppm	Day : 93	20.7	1.74	1.1	119
0117_03	10000 ppm	Day : 93	32.7	0.36	1.9	126
0118_03	10000 ppm	Day : 93	40.6	1.78	2	108
0119_03	10000 ppm	Day : 93	24.8	0.66	1.6	118
0120_03	10000 ppm	Day : 93	17.6	2.42	1.7	137
0181_03	0 ppm	Day : 8		2.07	4	143
0181_03	0 ppm	Day : 29	19.4	0.48	1.9	130
0182_03	0 ppm	Day : 8		1.13	3.9	134
0182_03	0 ppm	Day : 29	19.5	0.08	3	120

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0183_03	0 ppm	Day : 8		0.61	2.7	135
0183_03	0 ppm	Day : 29	13.7	1.27	5.6	163
0184_03	0 ppm	Day : 8		1.54	4.2	160
0184_03	0 ppm	Day : 29	15.2	0.67	4.3	140
0185_03	0 ppm	Day : 8		1.98	2.9	148
0185_03	0 ppm	Day : 29	14.2	0.6	3.7	151
0186_03	0 ppm	Day : 8		0.77	1.9	133
0186_03	0 ppm	Day : 29	32.7	0.42	3.1	152
0187_03	0 ppm	Day : 8		2.96	2.9	145
0187_03	0 ppm	Day : 29	10.4	0.36	4.6	161
0188_03	0 ppm	Day : 8		2.46	4.6	156
0188_03	0 ppm	Day : 29	22.6	0.53	4.1	134
0189_03	0 ppm	Day : 8		1.22	2.8	158
0189_03	0 ppm	Day : 29	26.3	0.33	2.3	123
0190_03	0 ppm	Day : 8		2	4.2	150
0190_03	0 ppm	Day : 29	19	0.12	1.7	113
0191_03	625 ppm	Day : 8		1.01	1.9	107
0191_03	625 ppm	Day : 29	14.8	0.39	1.1	113
0192_03	625 ppm	Day : 8		1.47	1.1	133
0192_03	625 ppm	Day : 29	12.6	0.71	2.2	160
0193_03	625 ppm	Day : 8		1.05	3.3	112

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0193_03	625 ppm	Day : 29	13.6	0.45	3.6	138
0194_03	625 ppm	Day : 8		3.15	4.5	144
0194_03	625 ppm	Day : 29	11.7	0.25	3	127
0195_03	625 ppm	Day : 8		1.26	1.9	129
0195_03	625 ppm	Day : 29	15	0.61	5.4	159
0196_03	625 ppm	Day : 8		1.77	1.9	109
0196_03	625 ppm	Day : 29	26.2	0.48	1.7	143
0197_03	625 ppm	Day : 8		0.84	2.4	146
0197_03	625 ppm	Day : 29	32	0.57	2.7	161
0198_03	625 ppm	Day : 8		1.9	3.9	163
0198_03	625 ppm	Day : 29	16	0.07	2.5	114
0199_03	625 ppm	Day : 8		3.56	4.8	167
0199_03	625 ppm	Day : 29	14.8	0.7	3.6	159
0200_03	625 ppm	Day : 8		0.99	4	146
0200_03	625 ppm	Day : 29	20	0.19	1.2	109
0201_03	1250 ppm	Day : 8		1.64	2.1	145
0201_03	1250 ppm	Day : 29	15	0.62	3.1	132
0202_03	1250 ppm	Day : 8		0.95	2.6	146
0202_03	1250 ppm	Day : 29	23.9	0.7	2	123
0203_03	1250 ppm	Day : 8		0.57	1.4	116
0203_03	1250 ppm	Day : 29	28.1	0.88	4.1	166

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0204_03	1250 ppm	Day : 8		1.54	1.4	115
0204_03	1250 ppm	Day : 29	30.5	0.74	3.4	161
0205_03	1250 ppm	Day : 8		2.35	3.8	161
0205_03	1250 ppm	Day : 29	34.2	0.41	2.1	144
0206_03	1250 ppm	Day : 8		1.81	1.9	123
0206_03	1250 ppm	Day : 29	29.5	0.21	3.1	149
0207_03	1250 ppm	Day : 8		1.06	1.7	117
0207_03	1250 ppm	Day : 29	24.8	0.71	2.1	144
0208_03	1250 ppm	Day : 8		1.61	3.5	136
0208_03	1250 ppm	Day : 29	23.6	0.18	0.6	100
0209_03	1250 ppm	Day : 8		1.22	3.2	155
0209_03	1250 ppm	Day : 29	27.5	0.6	2.9	140
0210_03	1250 ppm	Day : 8		0.6	3	129
0210_03	1250 ppm	Day : 29	13.9	0.49	1.9	150
0211_03	2500 ppm	Day : 8		0.98	3.5	120
0211_03	2500 ppm	Day : 29	19.4	0.68	1	147
0212_03	2500 ppm	Day : 8		3.32	3.2	145
0212_03	2500 ppm	Day : 29	21	0.34	3.3	144
0213_03	2500 ppm	Day : 8		1.13	2.2	137
0213_03	2500 ppm	Day : 29	11.7	0.51	2.9	138
0214_03	2500 ppm	Day : 8		0.45	3.7	135

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0214_03	2500 ppm	Day : 29	27.9	0.34	3	149
0215_03	2500 ppm	Day : 8		1.48	3.9	140
0215_03	2500 ppm	Day : 29	13.8	0.13	1.7	111
0216_03	2500 ppm	Day : 8		1.11	4	146
0216_03	2500 ppm	Day : 29	26.8	0.43	1.8	130
0217_03	2500 ppm	Day : 8		1.32	2.1	126
0217_03	2500 ppm	Day : 29	17.9	1.01	1.8	154
0218_03	2500 ppm	Day : 8		2.38	4	147
0218_03	2500 ppm	Day : 29	37.1	0.32	2.3	147
0219_03	2500 ppm	Day : 8		0.66	3.3	133
0219_03	2500 ppm	Day : 29	18	0.57	2.4	125
0220_03	2500 ppm	Day : 8		0.58	3.9	121
0220_03	2500 ppm	Day : 29	10.8	0.5	2	121
0221_03	5000 ppm	Day : 8		1.34	4	141
0221_03	5000 ppm	Day : 29	15.2	0.23	2.5	120
0222_03	5000 ppm	Day : 8		1.86	3.9	134
0222_03	5000 ppm	Day : 29	9.8	0	2.7	120
0223_03	5000 ppm	Day : 8		1.35	4.2	150
0223_03	5000 ppm	Day : 29	17.7	0.63	2.6	135
0224_03	5000 ppm	Day : 8		0.51	3.3	117
0224_03	5000 ppm	Day : 29	14.5	0.23	1.2	137

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0225_03	5000 ppm	Day : 8		0.96	4.2	141
0225_03	5000 ppm	Day : 29	16.1	0.19	2.7	124
0226_03	5000 ppm	Day : 8		0.5	3.2	113
0226_03	5000 ppm	Day : 29	16.3	0.21	3.3	133
0227_03	5000 ppm	Day : 8		2.04	4.1	156
0227_03	5000 ppm	Day : 29	17.6	0.71	4.3	149
0228_03	5000 ppm	Day : 8		0.45	2.7	118
0228_03	5000 ppm	Day : 29	18.7	0.11	2.5	108
0229_03	5000 ppm	Day : 8		0.68	4.4	120
0229_03	5000 ppm	Day : 29	15.6	0.2	3	118
0230_03	5000 ppm	Day : 8		0.81	4	131
0230_03	5000 ppm	Day : 29	30.7	0.49	3.9	145
0231_03	10000 ppm	Day : 8		1.24	2.8	111
0231_03	10000 ppm	Day : 29	17.9	1.31	2.5	141
0232_03	10000 ppm	Day : 8		0.77	3.1	89
0232_03	10000 ppm	Day : 29	20	0.14	1.6	101
0233_03	10000 ppm	Day : 8		0.45	2.7	107
0233_03	10000 ppm	Day : 29	24.1	1.2	2.9	163
0234_03	10000 ppm	Day : 8		0.37	2.6	109
0235_03	10000 ppm	Day : 8		0.99	4	134
0235_03	10000 ppm	Day : 29	17.8	1.36	2.3	112

Experiment Number: 92013-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:13:05

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0236_03	10000 ppm	Day : 8		0.8	2.8	126
0237_03	10000 ppm	Day : 8		1.86	3.8	122
0237_03	10000 ppm	Day : 29	17.6	1.41	5	162
0238_03	10000 ppm	Day : 8		0.35	4.8	136
0238_03	10000 ppm	Day : 29	14.7	1.13	2.3	133
0239_03	10000 ppm	Day : 8		0.47	3	115
0239_03	10000 ppm	Day : 29	31.2	0.84	1.4	148
0240_03	10000 ppm	Day : 8		0.46	2.7	105

** END OF REPORT **