

Experiment Number: 92012-03
Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014
Time Report Requested: 01:39:12
First Dose M/F: NA / NA
Lab: NA

C Number:	C92012
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:12

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	3.9*	168*	33*	9.5*
0002_03	0 ppm	Day : 93	4.9	257	58	42*
0003_03	0 ppm	Day : 93	4.9	257	63	14.3
0004_03	0 ppm	Day : 93	4.7	277	83	18
0005_03	0 ppm	Day : 93	4.7	289	65	14.3
0006_03	0 ppm	Day : 93	4.9	286	66	13.8
0007_03	0 ppm	Day : 93	4.9	289	70	15.4
0008_03	0 ppm	Day : 93	4.6	237	55	16.2
0009_03	0 ppm	Day : 93	4.8	248	52	20.8
0010_03	0 ppm	Day : 93	4.7	284	59	15.2
0011_03	625 ppm	Day : 93	4.9	261	56	14.5
0012_03	625 ppm	Day : 93	4.7	253	54	13.7
0013_03	625 ppm	Day : 93	4.8	253	46	11.3
0014_03	625 ppm	Day : 93	4.9	273	62	13.1
0015_03	625 ppm	Day : 93	4.7	252	49	11.7
0016_03	625 ppm	Day : 93	4.7	266	51	12.3
0017_03	625 ppm	Day : 93	4.7	287	47	9.9
0018_03	625 ppm	Day : 93	4.9	248	57	9.6
0019_03	625 ppm	Day : 93	4.6	270	58	16.1
0020_03	625 ppm	Day : 93	4.7	271	54	11.1
0021_03	1250 ppm	Day : 93	4.7	275	55	12.2
0022_03	1250 ppm	Day : 93	4.6	266	61	13.5

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Time Report Requested: 01:39:13

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	267	96	15.5
0024_03	1250 ppm	Day : 93	4.7	273	46	11.7
0025_03	1250 ppm	Day : 93	4.5	270	47	11.4
0026_03	1250 ppm	Day : 93	4.7	257	58	12.4
0027_03	1250 ppm	Day : 93	5	287	65	20.5
0028_03	1250 ppm	Day : 93	4.7	265	57	12.3
0029_03	1250 ppm	Day : 93	4.4	275	49	13.7
0030_03	1250 ppm	Day : 93	4.8	290	69	15.6
0031_03	2500 ppm	Day : 93	4.7	291	45	12.8
0032_03	2500 ppm	Day : 93	4.6	251	43	11.7
0033_03	2500 ppm	Day : 93	4.4	252	34	10.6
0034_03	2500 ppm	Day : 93	4.5	235	42	18.3
0035_03	2500 ppm	Day : 93	4.6	246	43	25.2
0036_03	2500 ppm	Day : 93	4.8	251	40	24.3
0037_03	2500 ppm	Day : 93	4.4	249	38	19.7
0038_03	2500 ppm	Day : 93	4.7	243	45	26.3
0039_03	2500 ppm	Day : 93	4.7	237	46	16
0040_03	2500 ppm	Day : 93	4.6	264	43	10
0041_03	5000 ppm	Day : 93	4.4	259	34	10.6
0042_03	5000 ppm	Day : 93	4.5	266	44	14.1
0043_03	5000 ppm	Day : 93	4.7	240	32	29.6
0044_03	5000 ppm	Day : 93	4.2	215	33	40.7

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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	4.2	215	33	40.7
0045_03	5000 ppm	Day : 93	4.5	258	33	12
0046_03	5000 ppm	Day : 93	4.6	293	54	11.7
0047_03	5000 ppm	Day : 93	4.6	265	39	11.4
0048_03	5000 ppm	Day : 93	4.6	236	36	16.2
0049_03	5000 ppm	Day : 93	4.2	256	71	19.1
0050_03	5000 ppm	Day : 93	3.6	229	68	12.2
0051_03	10000 ppm	Day : 93	4.3	276	26	15.1
0052_03	10000 ppm	Day : 93	4.3	221	42	34.6
0053_03	10000 ppm	Day : 93	4.5	258	26	32.4
0054_03	10000 ppm	Day : 93	4.3	241	39	61.7
0055_03	10000 ppm	Day : 93	4.4	263	26	18.6
0056_03	10000 ppm	Day : 93	4.3	266	23	10.4
0057_03	10000 ppm	Day : 93	4.5	264	30	62.6
0058_03	10000 ppm	Day : 93	3.8	255	24	10.5
0059_03	10000 ppm	Day : 93	4.4	264	30	41.1
0060_03	10000 ppm	Day : 93	4.2	256	37	54.2
0121_03	0 ppm	Day : 8				
0121_03	0 ppm	Day : 29	5	466	51	19.4
0122_03	0 ppm	Day : 8				
0122_03	0 ppm	Day : 29	4.9	479	43	48.5
0123_03	0 ppm	Day : 8				

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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
0123_03	0 ppm	Day : 29	4.9	418	42	14.9
0124_03	0 ppm	Day : 8				
0124_03	0 ppm	Day : 29	5.1	431	50	16.1
0125_03	0 ppm	Day : 8				
0125_03	0 ppm	Day : 29	5	517	46	33.8
0126_03	0 ppm	Day : 8				
0126_03	0 ppm	Day : 29	5	433	44	11.2
0127_03	0 ppm	Day : 8				
0127_03	0 ppm	Day : 29	5	387	45	39.7
0128_03	0 ppm	Day : 8				
0128_03	0 ppm	Day : 29	5.1	416	40	20.4
0129_03	0 ppm	Day : 8				
0129_03	0 ppm	Day : 29	5.4	420	41	43.3
0130_03	0 ppm	Day : 8				
0130_03	0 ppm	Day : 29	4.9	475	40	11.6
0131_03	625 ppm	Day : 8				
0131_03	625 ppm	Day : 29	5	472	48	16.2
0132_03	625 ppm	Day : 8				
0132_03	625 ppm	Day : 29	4.8	444	47	14.3
0133_03	625 ppm	Day : 8				
0133_03	625 ppm	Day : 29	5	425	39	16.7
0134_03	625 ppm	Day : 8				

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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
0134_03	625 ppm	Day : 8				
0134_03	625 ppm	Day : 29	5.3	435	51	30.3
0135_03	625 ppm	Day : 8				
0135_03	625 ppm	Day : 29	4.8	437	59	33.3
0136_03	625 ppm	Day : 8				
0136_03	625 ppm	Day : 29	4.9	449	46	13.7
0137_03	625 ppm	Day : 8				
0137_03	625 ppm	Day : 29	4.9	481	36	27.6
0138_03	625 ppm	Day : 8				
0138_03	625 ppm	Day : 29	4.8	446	37	21.7
0139_03	625 ppm	Day : 8				
0139_03	625 ppm	Day : 29	5.1	447	39	14.7
0140_03	625 ppm	Day : 8				
0140_03	625 ppm	Day : 29	5.7	419	36	15.6
0141_03	1250 ppm	Day : 8				
0141_03	1250 ppm	Day : 29	4.9	467	40	19.2
0142_03	1250 ppm	Day : 8				
0142_03	1250 ppm	Day : 29	5.2	488	44	26.5
0143_03	1250 ppm	Day : 8				
0143_03	1250 ppm	Day : 29	4.7	485	39	14.9
0144_03	1250 ppm	Day : 8				
0144_03	1250 ppm	Day : 29	5	408	39	26

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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
0145_03	1250 ppm	Day : 8				
0145_03	1250 ppm	Day : 29	4.8	446	38	28.6
0146_03	1250 ppm	Day : 8				
0146_03	1250 ppm	Day : 29	4.7	454	36	11.8
0147_03	1250 ppm	Day : 8				
0147_03	1250 ppm	Day : 29	4.8	426	41	22
0148_03	1250 ppm	Day : 8				
0148_03	1250 ppm	Day : 29	5.1	465	71	16.1
0149_03	1250 ppm	Day : 8				
0149_03	1250 ppm	Day : 29	5.2	461	40	15.6
0150_03	1250 ppm	Day : 8				
0150_03	1250 ppm	Day : 29	5.1	482	47	16.8
0151_03	2500 ppm	Day : 8				
0151_03	2500 ppm	Day : 29	4.6	422	30	14.8
0152_03	2500 ppm	Day : 8				
0152_03	2500 ppm	Day : 29	4.9	408	32	21.9
0153_03	2500 ppm	Day : 8				
0153_03	2500 ppm	Day : 29	4.3	405	27	12
0154_03	2500 ppm	Day : 8				
0154_03	2500 ppm	Day : 29	5.1	405	38	20.8
0155_03	2500 ppm	Day : 8				
0155_03	2500 ppm	Day : 29	5.1	445	32	24.4

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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
0155_03	2500 ppm	Day : 29	5.1	445	32	24.4
0156_03	2500 ppm	Day : 8				
0156_03	2500 ppm	Day : 29	4.7	479	32	6.1
0157_03	2500 ppm	Day : 8				
0157_03	2500 ppm	Day : 29	4.5	437	31	13.5
0158_03	2500 ppm	Day : 8				
0158_03	2500 ppm	Day : 29	5	485	43	17
0159_03	2500 ppm	Day : 8				
0159_03	2500 ppm	Day : 29	4.6	482	31	24.5
0160_03	2500 ppm	Day : 8				
0160_03	2500 ppm	Day : 29	4.6	407	30	29.9
0161_03	5000 ppm	Day : 8				
0161_03	5000 ppm	Day : 29	5	400	25	28.2
0162_03	5000 ppm	Day : 8				
0162_03	5000 ppm	Day : 29	4.4	360	25	24.9
0163_03	5000 ppm	Day : 8				
0163_03	5000 ppm	Day : 29	4.7	406	22	38.9
0164_03	5000 ppm	Day : 8				
0164_03	5000 ppm	Day : 29	4.7	437	27	22.6
0165_03	5000 ppm	Day : 8				
0165_03	5000 ppm	Day : 29	4.9	406	39	28.3
0166_03	5000 ppm	Day : 8				

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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
0166_03	5000 ppm	Day : 29	4.8	380	27	40.6
0167_03	5000 ppm	Day : 8				
0167_03	5000 ppm	Day : 29	4.7	404	29	25.8
0168_03	5000 ppm	Day : 8				
0168_03	5000 ppm	Day : 29	4.6	416	27	15.2
0169_03	5000 ppm	Day : 8				
0169_03	5000 ppm	Day : 29	4.4	349	23	22.9
0170_03	5000 ppm	Day : 8				
0170_03	5000 ppm	Day : 29	4.6	483	29	13.9
0171_03	10000 ppm	Day : 8				
0171_03	10000 ppm	Day : 29	4.3	359	16	17.7
0172_03	10000 ppm	Day : 8				
0172_03	10000 ppm	Day : 29	4.8	358	18	48.8
0173_03	10000 ppm	Day : 8				
0173_03	10000 ppm	Day : 29	4.4	326	18	46.1
0174_03	10000 ppm	Day : 8				
0174_03	10000 ppm	Day : 29	4.5	308	19	52.9
0175_03	10000 ppm	Day : 8				
0175_03	10000 ppm	Day : 29	4.5	344	21	55.1
0176_03	10000 ppm	Day : 8				
0176_03	10000 ppm	Day : 29	4.2	321	20	10.1
0177_03	10000 ppm	Day : 8				

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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
0177_03	10000 ppm	Day : 8				
0178_03	10000 ppm	Day : 8				
0178_03	10000 ppm	Day : 29	3.9	314	23	25.3
0179_03	10000 ppm	Day : 8				
0179_03	10000 ppm	Day : 29	4	338	19	11.9
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	20*	241*	0.4*	5.4*
0002_03	0 ppm	Day : 93	20	242	0.4	7.1
0003_03	0 ppm	Day : 93	21	366	0.5	7
0004_03	0 ppm	Day : 93	19	154	0.4	7
0005_03	0 ppm	Day : 93	20	274	0.3	6.8
0006_03	0 ppm	Day : 93	20	131	0.4	7
0007_03	0 ppm	Day : 93	18	193	0.5	7
0008_03	0 ppm	Day : 93	17	201	0.4	6.6
0009_03	0 ppm	Day : 93	19	107	0.4	6.9
0010_03	0 ppm	Day : 93	18	153	0.4	6.7
0011_03	625 ppm	Day : 93	20	256	0.3	6.8
0012_03	625 ppm	Day : 93	19	143	0.2	6.5
0013_03	625 ppm	Day : 93	19	129	0.3	6.8
0014_03	625 ppm	Day : 93	18	118	0.3	6.7
0015_03	625 ppm	Day : 93	20	129	0.3	6.5
0016_03	625 ppm	Day : 93	21	248	0.3	6.5
0017_03	625 ppm	Day : 93	22	203	0.2	6.5
0018_03	625 ppm	Day : 93	20	217	0.3	6.8
0019_03	625 ppm	Day : 93	21	451	0.3	6.6
0020_03	625 ppm	Day : 93	21	253	0.2	6.6
0021_03	1250 ppm	Day : 93	20	193	0	6.4
0022_03	1250 ppm	Day : 93	21	404	0.2	6.3

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Species/Strain: Rat/Fischer 344

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0023_03	1250 ppm	Day : 93	20	154	0.2	7.1
0024_03	1250 ppm	Day : 93	19	113	0.2	6.4
0025_03	1250 ppm	Day : 93	18	255	0.2	6.5
0026_03	1250 ppm	Day : 93	19	191	0.2	6.6
0027_03	1250 ppm	Day : 93	19	149	0.2	6.9
0028_03	1250 ppm	Day : 93	20	158	0.2	6.4
0029_03	1250 ppm	Day : 93	20	149	0.2	6.1
0030_03	1250 ppm	Day : 93	19	180	0.2	6.6
0031_03	2500 ppm	Day : 93	19	80	0	6.7
0032_03	2500 ppm	Day : 93	18	118	0	6.4
0033_03	2500 ppm	Day : 93	19	268	0.1	6.3
0034_03	2500 ppm	Day : 93	19	129	0	6.3
0035_03	2500 ppm	Day : 93	21	299	0.1	6.5
0036_03	2500 ppm	Day : 93	19	166	0	6.6
0037_03	2500 ppm	Day : 93	20	177	0.1	6.3
0038_03	2500 ppm	Day : 93	21	249	0	6.5
0039_03	2500 ppm	Day : 93	20	84	0.1	6.5
0040_03	2500 ppm	Day : 93	19	155	0	6.6
0041_03	5000 ppm	Day : 93	18	217	INT	6.4
0042_03	5000 ppm	Day : 93	18	182	INT	6.6
0043_03	5000 ppm	Day : 93	19	152	INT	6.4
0044_03	5000 ppm	Day : 93	18	107	INT	6.2

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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	19	322	INT	6.3
0046_03	5000 ppm	Day : 93	19	134	INT	6.7
0047_03	5000 ppm	Day : 93	18	220	INT	6.7
0048_03	5000 ppm	Day : 93	20	167	INT	6.8
0049_03	5000 ppm	Day : 93	20	150	INT	6.2
0050_03	5000 ppm	Day : 93	18	475	INT	5.7
0051_03	10000 ppm	Day : 93	16	102	INT	6
0052_03	10000 ppm	Day : 93	17	462	INT	5.9
0053_03	10000 ppm	Day : 93	19	112	INT	6.4
0054_03	10000 ppm	Day : 93	18	157	INT	6.4
0055_03	10000 ppm	Day : 93	18	137	INT	6.3
0056_03	10000 ppm	Day : 93	18	225	INT	6.3
0057_03	10000 ppm	Day : 93	19	402	INT	6.4
0058_03	10000 ppm	Day : 93	19	241	INT	5.7
0059_03	10000 ppm	Day : 93	19	288	INT	6.2
0060_03	10000 ppm	Day : 93	19	117	INT	6.3
0121_03	0 ppm	Day : 8				
0121_03	0 ppm	Day : 29	22	644	0.6	6.5
0122_03	0 ppm	Day : 8				
0122_03	0 ppm	Day : 29	21	953	0.6	7.5
0123_03	0 ppm	Day : 8				
0123_03	0 ppm	Day : 29	21	439	0.6	6.4

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0124_03	0 ppm	Day : 8				
0124_03	0 ppm	Day : 29	21	447	0.7	6.8
0125_03	0 ppm	Day : 8				
0125_03	0 ppm	Day : 29	22	496	0.6	6.5
0126_03	0 ppm	Day : 8				
0126_03	0 ppm	Day : 29	22	748	0.7	6.5
0127_03	0 ppm	Day : 8				
0127_03	0 ppm	Day : 29	23	688	0.7	6.6
0128_03	0 ppm	Day : 8				
0128_03	0 ppm	Day : 29	20	642	0.7	6.6
0129_03	0 ppm	Day : 8				
0129_03	0 ppm	Day : 29	20	648	0.7	6.5
0130_03	0 ppm	Day : 8				
0130_03	0 ppm	Day : 29	22	688	0.7	6.2
0131_03	625 ppm	Day : 8				
0131_03	625 ppm	Day : 29	21	413	0.6	6.6
0132_03	625 ppm	Day : 8				
0132_03	625 ppm	Day : 29	23	416	0.6	6.7
0133_03	625 ppm	Day : 8				
0133_03	625 ppm	Day : 29	21	509	0.6	7.2
0134_03	625 ppm	Day : 8				
0134_03	625 ppm	Day : 29	22	605	0.6	6.9

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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
0135_03	625 ppm	Day : 8				
0135_03	625 ppm	Day : 29	23	461	0.7	6.1
0136_03	625 ppm	Day : 8				
0136_03	625 ppm	Day : 29	21	428	0.7	6.6
0137_03	625 ppm	Day : 8				
0137_03	625 ppm	Day : 29	21	368	0.6	6.5
0138_03	625 ppm	Day : 8				
0138_03	625 ppm	Day : 29	21	693	0.6	6.3
0139_03	625 ppm	Day : 8				
0139_03	625 ppm	Day : 29	21	341	0.6	6.5
0140_03	625 ppm	Day : 8				
0140_03	625 ppm	Day : 29	22	558	0.6	6.9
0141_03	1250 ppm	Day : 8				
0141_03	1250 ppm	Day : 29	21	571	0.5	6.5
0142_03	1250 ppm	Day : 8				
0142_03	1250 ppm	Day : 29	25	830	0.6	6.8
0143_03	1250 ppm	Day : 8				
0143_03	1250 ppm	Day : 29	19	713	0.5	6.2
0144_03	1250 ppm	Day : 8				
0144_03	1250 ppm	Day : 29	21	376	0.5	6.6
0145_03	1250 ppm	Day : 8				
0145_03	1250 ppm	Day : 29	21	526	0.5	6.4

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Species/Strain: Rat/Fischer 344

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0146_03	1250 ppm	Day : 8				
0146_03	1250 ppm	Day : 29	20	428	0.5	6.1
0147_03	1250 ppm	Day : 8				
0147_03	1250 ppm	Day : 29	23	697	0.5	6.4
0148_03	1250 ppm	Day : 8				
0148_03	1250 ppm	Day : 29	23	460	0.5	6.9
0149_03	1250 ppm	Day : 8				
0149_03	1250 ppm	Day : 29	22	485	0.5	6.8
0150_03	1250 ppm	Day : 8				
0150_03	1250 ppm	Day : 29	24	643	0.5	6.7
0151_03	2500 ppm	Day : 8				
0151_03	2500 ppm	Day : 29	23	627	0.3	7.2
0152_03	2500 ppm	Day : 8				
0152_03	2500 ppm	Day : 29	26	630	0.3	6.5
0153_03	2500 ppm	Day : 8				
0153_03	2500 ppm	Day : 29	20	1112	0.4	7
0154_03	2500 ppm	Day : 8				
0154_03	2500 ppm	Day : 29	22	593	0.4	6.6
0155_03	2500 ppm	Day : 8				
0155_03	2500 ppm	Day : 29	21	259	0.4	6.7
0156_03	2500 ppm	Day : 8				
0156_03	2500 ppm	Day : 29	19	337	0.4	6.1

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:14

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 : 8				
0157_03	2500 ppm	Day : 29	20	578	0.3	6
0158_03	2500 ppm	Day : 8				
0158_03	2500 ppm	Day : 29	22	914	0.4	6.5
0159_03	2500 ppm	Day : 8				
0159_03	2500 ppm	Day : 29	21	449	0.3	5.8
0160_03	2500 ppm	Day : 8				
0160_03	2500 ppm	Day : 29	18	431	0.3	6.3
0161_03	5000 ppm	Day : 8				
0161_03	5000 ppm	Day : 29	21	394	0.2	6.7
0162_03	5000 ppm	Day : 8				
0162_03	5000 ppm	Day : 29	22	831	0.2	6.5
0163_03	5000 ppm	Day : 8				
0163_03	5000 ppm	Day : 29	20	415	0.2	6.3
0164_03	5000 ppm	Day : 8				
0164_03	5000 ppm	Day : 29	22	831	0.1	6.4
0165_03	5000 ppm	Day : 8				
0165_03	5000 ppm	Day : 29	20	480	0.2	6.6
0166_03	5000 ppm	Day : 8				
0166_03	5000 ppm	Day : 29	22	1061	0.1	6.3
0167_03	5000 ppm	Day : 8				
0167_03	5000 ppm	Day : 29	19	388	0.2	6.3

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:14

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
0168_03	5000 ppm	Day : 8				
0168_03	5000 ppm	Day : 29	19	679	0.1	6.6
0169_03	5000 ppm	Day : 8				
0169_03	5000 ppm	Day : 29	20	409	0.1	6.2
0170_03	5000 ppm	Day : 8				
0170_03	5000 ppm	Day : 29	21	689	INT	6.3
0171_03	10000 ppm	Day : 8				
0171_03	10000 ppm	Day : 29	18	532	INT	5.8
0172_03	10000 ppm	Day : 8				
0172_03	10000 ppm	Day : 29	19	729	INT	6.1
0173_03	10000 ppm	Day : 8				
0173_03	10000 ppm	Day : 29	20	693	INT	6.3
0174_03	10000 ppm	Day : 8				
0174_03	10000 ppm	Day : 29	21	547	INT	6
0175_03	10000 ppm	Day : 8				
0175_03	10000 ppm	Day : 29	20	630	INT	6.5
0176_03	10000 ppm	Day : 8				
0176_03	10000 ppm	Day : 29	18	687	INT	6.2
0177_03	10000 ppm	Day : 8				
0178_03	10000 ppm	Day : 8				
0178_03	10000 ppm	Day : 29	17	771	INT	5.6
0179_03	10000 ppm	Day : 8				

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:14

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
0179_03	10000 ppm	Day : 29	18	472	INT	5.7
0180_03	10000 ppm	Day : 8				

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:14

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
0001_03	0 ppm	Day : 93	20.7*	0	2	140
0002_03	0 ppm	Day : 93	22.7	0	2.9	134
0003_03	0 ppm	Day : 93	28	0.35	3.1	148
0004_03	0 ppm	Day : 93	29.7	0.08	0.6	140
0005_03	0 ppm	Day : 93	23.1	0	1.6	123
0006_03	0 ppm	Day : 93	28	0	2.1	149
0007_03	0 ppm	Day : 93	30.8	1.22	1.7	113
0008_03	0 ppm	Day : 93	25.5	0.58	1.9	152
0009_03	0 ppm	Day : 93	25.3	0.44	2.6	123
0010_03	0 ppm	Day : 93	27.1	0.22	2.5	150
0011_03	625 ppm	Day : 93	28	0	2.5	161
0012_03	625 ppm	Day : 93	26	0	2.4	155
0013_03	625 ppm	Day : 93	23.6	0.16	1.4	157
0014_03	625 ppm	Day : 93	24.2	2.01	1.9	127
0015_03	625 ppm	Day : 93	24.6	1.17	1.8	136
0016_03	625 ppm	Day : 93	23	0	2.4	155
0017_03	625 ppm	Day : 93	23.9	0	2.9	135
0018_03	625 ppm	Day : 93	28	1.04	2.4	160
0019_03	625 ppm	Day : 93	20.4	0	2.1	146
0020_03	625 ppm	Day : 93	23.2	0.14	2.9	164
0021_03	1250 ppm	Day : 93	23.9	0.26	2.4	155

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:14

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
0022_03	1250 ppm	Day : 93	23.3	0.98	2.5	137
0023_03	1250 ppm	Day : 93	31	1.67	2	113
0024_03	1250 ppm	Day : 93	21.9	0.25	2.4	116
0025_03	1250 ppm	Day : 93	25.2	0	2.2	135
0026_03	1250 ppm	Day : 93	29.1	0.6	2.2	117
0027_03	1250 ppm	Day : 93	34.5	0.86	1.7	119
0028_03	1250 ppm	Day : 93	25.5	0.42	2.4	118
0029_03	1250 ppm	Day : 93	30.7	0	2.2	145
0030_03	1250 ppm	Day : 93	23	0	2.1	130
0031_03	2500 ppm	Day : 93	18.1	2.04	2.5	159
0032_03	2500 ppm	Day : 93	26.6	0.06	2.4	131
0033_03	2500 ppm	Day : 93	20.1	0	2.9	127
0034_03	2500 ppm	Day : 93	18.6	0.53	2.6	141
0035_03	2500 ppm	Day : 93	21.7	0.42	2.9	143
0036_03	2500 ppm	Day : 93	20.3	1.78	2.7	139
0037_03	2500 ppm	Day : 93	28.1	0	1.7	132
0038_03	2500 ppm	Day : 93	21.7	0.18	3.6	156
0039_03	2500 ppm	Day : 93	18.5	0.1	3	139
0040_03	2500 ppm	Day : 93	31.1	0	2.9	134
0041_03	5000 ppm	Day : 93	19.2	4.8	1.5	116
0042_03	5000 ppm	Day : 93	26	2.03	1.2	123

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:14

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
0043_03	5000 ppm	Day : 93	17	3.85	2.3	115
0044_03	5000 ppm	Day : 93	18.4	0	2.2	125
0045_03	5000 ppm	Day : 93	18.3	1.26	2.2	126
0046_03	5000 ppm	Day : 93	25.3	1.22	1.3	124
0047_03	5000 ppm	Day : 93	21.4	5.06	2.6	113
0048_03	5000 ppm	Day : 93	22.2	0.39	2	116
0049_03	5000 ppm	Day : 93	35.6	0.59	0.4	115
0050_03	5000 ppm	Day : 93	22.9	0.04	QNS	169
0051_03	10000 ppm	Day : 93	22.2	6.47	1.4	114
0052_03	10000 ppm	Day : 93	25.2	2.16	1.7	119
0053_03	10000 ppm	Day : 93	21.6	6.44	2.1	110
0054_03	10000 ppm	Day : 93	29.5	3.88	2	130
0055_03	10000 ppm	Day : 93	17.3	2.91	2.2	123
0056_03	10000 ppm	Day : 93	17.9	5.22	1.8	134
0057_03	10000 ppm	Day : 93	20.2	4.35	3	110
0058_03	10000 ppm	Day : 93	16.1	0.21	2.3	154
0059_03	10000 ppm	Day : 93	19.8	5.29	2.2	118
0060_03	10000 ppm	Day : 93	27	4.99	1	121
0121_03	0 ppm	Day : 8		5.25	4.7	166
0121_03	0 ppm	Day : 29	20.4	0.01	3.6	127
0122_03	0 ppm	Day : 8		1.67	5.8	180

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:14

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
0122_03	0 ppm	Day : 29	16.3	0.33	2.5	115
0123_03	0 ppm	Day : 8		2.47	5.3	158
0123_03	0 ppm	Day : 29	23	0.28	3.2	119
0124_03	0 ppm	Day : 8		1.31	5.5	164
0124_03	0 ppm	Day : 29	25.6	1.68	3.7	138
0125_03	0 ppm	Day : 8		2.26	5.7	183
0125_03	0 ppm	Day : 29	24.3	0.57	3.3	118
0126_03	0 ppm	Day : 8		2.09	4.3	137
0126_03	0 ppm	Day : 29	18.6	0.11	3.2	123
0127_03	0 ppm	Day : 8		2.12	6.2	156
0127_03	0 ppm	Day : 29	16.9	0.38	4.2	124
0128_03	0 ppm	Day : 8		0.89	6.6	201
0128_03	0 ppm	Day : 29	18.8	0.75	3	135
0129_03	0 ppm	Day : 8		1.27	5.9	169
0129_03	0 ppm	Day : 29	19.7	0.97	2.9	117
0130_03	0 ppm	Day : 8		0.5	4.4	128
0130_03	0 ppm	Day : 29	15.4	0.12	3.6	118
0131_03	625 ppm	Day : 8		2.57	4.7	128
0131_03	625 ppm	Day : 29	29.5	0.2	4.3	135
0132_03	625 ppm	Day : 8		1.26	4.9	158
0132_03	625 ppm	Day : 29	29.9	1.27	3.4	117

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:14

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
0133_03	625 ppm	Day : 8		3.29	5.4	155
0133_03	625 ppm	Day : 29	26.1	0.36	3.6	124
0134_03	625 ppm	Day : 8		1.5	5.4	148
0134_03	625 ppm	Day : 29	31.9	0.15	2.9	119
0135_03	625 ppm	Day : 8		2.81	6.1	201
0135_03	625 ppm	Day : 29	37.4	0.29	2.4	109
0136_03	625 ppm	Day : 8		1.48	5.5	172
0136_03	625 ppm	Day : 29	25.4	0	3.2	106
0137_03	625 ppm	Day : 8		2.57	5.6	179
0137_03	625 ppm	Day : 29	29.6	2.1	2.6	136
0138_03	625 ppm	Day : 8		3.44	5.6	194
0138_03	625 ppm	Day : 29	16.9	1.91	3	112
0139_03	625 ppm	Day : 8		1.06	4.3	149
0139_03	625 ppm	Day : 29	29.7	2.71	2.4	105
0140_03	625 ppm	Day : 8		1.63	5.4	171
0140_03	625 ppm	Day : 29	25.6	1.68	3.8	119
0141_03	1250 ppm	Day : 8		5.25	5.8	1721
0141_03	1250 ppm	Day : 29	23.4	0.22	3.3	113
0142_03	1250 ppm	Day : 8		2.46	5.6	148
0142_03	1250 ppm	Day : 29	16	0.12	3.4	124
0143_03	1250 ppm	Day : 8		2.09	5.7	165

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:14

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
0143_03	1250 ppm	Day : 29	22.2	0.98	3.7	120
0144_03	1250 ppm	Day : 8		3.55	4.9	159
0144_03	1250 ppm	Day : 29	31.2	0.69	4.4	166
0145_03	1250 ppm	Day : 8		1.27	5.4	140
0145_03	1250 ppm	Day : 29	24.3	0.74	4.3	163
0146_03	1250 ppm	Day : 8		4.3	5.3	134
0146_03	1250 ppm	Day : 29	24.9	0.82	3.2	125
0147_03	1250 ppm	Day : 8		4.54	6	170
0147_03	1250 ppm	Day : 29	18.7	0.85	2.8	130
0148_03	1250 ppm	Day : 8		2.94	4.9	136
0148_03	1250 ppm	Day : 29	33.4	0.53	2.1	97
0149_03	1250 ppm	Day : 8		2.55	5.7	1632
0149_03	1250 ppm	Day : 29	30.4	1.7	2.6	101
0150_03	1250 ppm	Day : 8		1.52	4.6	141
0150_03	1250 ppm	Day : 29	21.3	2.34	2.9	127
0151_03	2500 ppm	Day : 8		9.34	3.6	111
0151_03	2500 ppm	Day : 29	15	0.65	2.2	107
0152_03	2500 ppm	Day : 8		7.64	3.7	120
0152_03	2500 ppm	Day : 29	20.8	1.29	3.8	116
0153_03	2500 ppm	Day : 8		6.59	3.5	110
0153_03	2500 ppm	Day : 29	8.7	0.14	1.8	138

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:14

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
0154_03	2500 ppm	Day : 8		7.02	3.2	108
0154_03	2500 ppm	Day : 29	22.5	1.84	3.5	130
0155_03	2500 ppm	Day : 8		8.01	3.7	113
0155_03	2500 ppm	Day : 29	28.8	1.64	3.6	115
0156_03	2500 ppm	Day : 8		9.45	3.3	109
0156_03	2500 ppm	Day : 29	26.1	0.24	1.9	109
0157_03	2500 ppm	Day : 8		7.05	3.6	119
0157_03	2500 ppm	Day : 29	18.3	1.83	2.5	135
0158_03	2500 ppm	Day : 8		6.93	4.3	128
0158_03	2500 ppm	Day : 29	23.4	0.11	3.5	128
0159_03	2500 ppm	Day : 8		4.25	4.2	119
0159_03	2500 ppm	Day : 29	18.7	0.34	4.2	136
0160_03	2500 ppm	Day : 8		5.49	4.4	128
0160_03	2500 ppm	Day : 29	24.9	0.52	2.2	131
0161_03	5000 ppm	Day : 8		10.6	0.7	80
0161_03	5000 ppm	Day : 29	25.8	0.78	4.1	126
0162_03	5000 ppm	Day : 8		11.78	0.7	73
0162_03	5000 ppm	Day : 29	11.1	2.06	2	135
0163_03	5000 ppm	Day : 8		9.69	0.5	79
0163_03	5000 ppm	Day : 29	28.9	0.43	3.4	117
0164_03	5000 ppm	Day : 8		9.61	0.6	78

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:14

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
0164_03	5000 ppm	Day : 29	11.9	0.82	2.7	115
0165_03	5000 ppm	Day : 8		9.37	0.6	83
0165_03	5000 ppm	Day : 29	34.4	1.44	2.9	105
0166_03	5000 ppm	Day : 8		10.98	0.7	84
0166_03	5000 ppm	Day : 29	7.3	1.89	3.6	125
0167_03	5000 ppm	Day : 8		9.1	<0.4	72
0167_03	5000 ppm	Day : 29	22.6	2.78	2.9	119
0168_03	5000 ppm	Day : 8		9.62	0.9	85
0168_03	5000 ppm	Day : 29	19.2	1.79	2.2	113
0169_03	5000 ppm	Day : 8		8.76	0.6	81
0169_03	5000 ppm	Day : 29	23.6	1.59	3.2	110
0170_03	5000 ppm	Day : 8		8.25	0.6	75
0170_03	5000 ppm	Day : 29	12.7	0.36	2.8	105
0171_03	10000 ppm	Day : 8		8.83	<0.4	53
0171_03	10000 ppm	Day : 29	19	3.64	1.1	117
0172_03	10000 ppm	Day : 8		7.39	<0.4	59
0172_03	10000 ppm	Day : 29	11	5.31	1.2	103
0173_03	10000 ppm	Day : 8		10.52	<0.4	58
0173_03	10000 ppm	Day : 29	12.9	7.7	1.6	113
0174_03	10000 ppm	Day : 8		8.74	<0.4	52
0174_03	10000 ppm	Day : 29	19.5	5.79	1.3	117

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:14

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
0175_03	10000 ppm	Day : 8		10.18	<0.4	63
0175_03	10000 ppm	Day : 29	15.3	5.48	1	105
0176_03	10000 ppm	Day : 8		12.22	<0.4	65
0176_03	10000 ppm	Day : 29	13.3	6.06	0.3	113
0177_03	10000 ppm	Day : 8		9.22	<0.4	63
0178_03	10000 ppm	Day : 8		7.27	<0.4	71
0178_03	10000 ppm	Day : 29	10.6	4.58	1.2	115
0179_03	10000 ppm	Day : 8		10.2	<0.4	61
0179_03	10000 ppm	Day : 29	15.3	4.68	1.3	121
0180_03	10000 ppm	Day : 8		8.01	<0.4	72

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:14

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
0061_03	0 ppm	Day : 93	5.0	216	41	15.3
0062_03	0 ppm	Day : 93	5.0	202	67	46.4
0063_03	0 ppm	Day : 93	5.3	205	92	67.0
0064_03	0 ppm	Day : 93	4.8	251	45	46.3
0065_03	0 ppm	Day : 93	4.8	265	62	14.4
0066_03	0 ppm	Day : 93	4.7	214	56	24.4
0067_03	0 ppm	Day : 93	5.0	219	40	13.5
0068_03	0 ppm	Day : 93	4.9	178	45	59.6
0069_03	0 ppm	Day : 93	5.2	210	58	46.5
0070_03	0 ppm	Day : 93	5.0	213	81	26.3
0071_03	625 ppm	Day : 93	4.8	206	52	38.2
0072_03	625 ppm	Day : 93	5.1	212	40	31.1
0073_03	625 ppm	Day : 93	4.9	225	47	25.5
0074_03	625 ppm	Day : 93	5.1	223	80	27.4
0075_03	625 ppm	Day : 93	5.1	236	57	43.8
0076_03	625 ppm	Day : 93	4.9	203	41	26.3
0077_03	625 ppm	Day : 93	5.5	194	45	14.4
0078_03	625 ppm	Day : 93	4.8	205	43	13.3
0079_03	625 ppm	Day : 93	4.7	174	44	38.4
0080_03	625 ppm	Day : 93	5.0	216	69	18.8
0081_03	1250 ppm	Day : 93	4.9	209	60	31.9
0082_03	1250 ppm	Day : 93	5.1	216	60	23.5

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:15

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	5.0	184	63	20.7
0084_03	1250 ppm	Day : 93	5.0	233	130	23.8
0085_03	1250 ppm	Day : 93	5.2	224	58	66.1
0086_03	1250 ppm	Day : 93	4.8	200	66	19.5
0087_03	1250 ppm	Day : 93	5.0	220	68	36.1
0088_03	1250 ppm	Day : 93	4.4	196	48	63.5
0089_03	1250 ppm	Day : 93	5.0	229	54	22.3
0090_03	1250 ppm	Day : 93	4.9	234	46	9.8
0091_03	2500 ppm	Day : 93	4.8	272	56	14.6
0092_03	2500 ppm	Day : 93	5.1	196	58	14.8
0093_03	2500 ppm	Day : 93	4.7	224	33	9.0
0094_03	2500 ppm	Day : 93	5.2	169	56	46.7
0095_03	2500 ppm	Day : 93	4.7	225	64	19.5
0096_03	2500 ppm	Day : 93	4.8	213	58	23.4
0097_03	2500 ppm	Day : 93	5.0	192	43	25.2
0098_03	2500 ppm	Day : 93	4.4	126	28	12.1
0099_03	2500 ppm	Day : 93	4.6	210	62	33.4
0100_03	2500 ppm	Day : 93	4.9	210	40	12.4
0101_03	5000 ppm	Day : 93	4.3	232	48	76.6
0102_03	5000 ppm	Day : 93	4.9	215	26	29.5
0103_03	5000 ppm	Day : 93	4.4	246	46	13.6
0104_03	5000 ppm	Day : 93	4.7	213	37	75.9

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:15

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
0104_03	5000 ppm	Day : 93	4.7	213	37	75.9
0105_03	5000 ppm	Day : 93	4.6	253	42	51.0
0106_03	5000 ppm	Day : 93	4.3	183	30	49.5
0107_03	5000 ppm	Day : 93	4.6	222	26	25.5
0108_03	5000 ppm	Day : 93	4.7	224	31	32.8
0109_03	5000 ppm	Day : 93	4.7	212	43	59.9
0110_03	5000 ppm	Day : 93	4.6	212	28	49.8
0111_03	10000 ppm	Day : 93	4.4	245	21	31.2
0112_03	10000 ppm	Day : 93	4.3	231	20	31.9
0113_03	10000 ppm	Day : 93	4.2	230	23	69.0
0114_03	10000 ppm	Day : 93	4.2	257	16	14.1
0115_03	10000 ppm	Day : 93	4.2	205	20	47.0
0116_03	10000 ppm	Day : 93	4.5	271	32	64.3
0117_03	10000 ppm	Day : 93	4.4	230	26	62.1
0118_03	10000 ppm	Day : 93	4.4	249	28	61.3
0119_03	10000 ppm	Day : 93	4.5	252	36	52.5
0120_03	10000 ppm	Day : 93	4.1	229	25	51.2
0181_03	0 ppm	Day : 8				
0181_03	0 ppm	Day : 29	4.7	380	38	18
0182_03	0 ppm	Day : 8				
0182_03	0 ppm	Day : 29	4.8	347	31	38.7
0183_03	0 ppm	Day : 8				

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:15

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
0183_03	0 ppm	Day : 29	5.1	361	34	12.4
0184_03	0 ppm	Day : 8				
0184_03	0 ppm	Day : 29	4.8	341	36	12.2
0185_03	0 ppm	Day : 8				
0185_03	0 ppm	Day : 29	4.6	326	36	72.1
0186_03	0 ppm	Day : 8				
0186_03	0 ppm	Day : 29	5	346	36	23.6
0187_03	0 ppm	Day : 8				
0187_03	0 ppm	Day : 29	5.1	371	34	16.5
0188_03	0 ppm	Day : 8				
0188_03	0 ppm	Day : 29	4.7	319	33	12.5
0189_03	0 ppm	Day : 8				
0189_03	0 ppm	Day : 29	4.6	311	35	16.6
0190_03	0 ppm	Day : 8				
0190_03	0 ppm	Day : 29	4.8	331	35	14.1
0191_03	625 ppm	Day : 8				
0191_03	625 ppm	Day : 29	4.7	329	30	16.4
0192_03	625 ppm	Day : 8				
0192_03	625 ppm	Day : 29	4.8	358	33	9.5
0193_03	625 ppm	Day : 8				
0193_03	625 ppm	Day : 29	4.9	332	32	10.6
0194_03	625 ppm	Day : 8				

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:15

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
0194_03	625 ppm	Day : 8				
0194_03	625 ppm	Day : 29	4.8	347	25	10.3
0195_03	625 ppm	Day : 8				
0195_03	625 ppm	Day : 29	4.8	315	31	40
0196_03	625 ppm	Day : 8				
0197_03	625 ppm	Day : 8				
0197_03	625 ppm	Day : 29	4.9	358	35	12.8
0198_03	625 ppm	Day : 8				
0199_03	625 ppm	Day : 8				
0199_03	625 ppm	Day : 29	4.9	369	27	21.9
0200_03	625 ppm	Day : 8				
0200_03	625 ppm	Day : 29	4.1	279	19	59.3
0201_03	1250 ppm	Day : 8				
0201_03	1250 ppm	Day : 29	4.9	353	31	39.7
0202_03	1250 ppm	Day : 8				
0202_03	1250 ppm	Day : 29	4.6	321	28	20
0203_03	1250 ppm	Day : 8				
0203_03	1250 ppm	Day : 29	5	330	35	22.2
0204_03	1250 ppm	Day : 8				
0204_03	1250 ppm	Day : 29	4.7	471	31	47.8
0205_03	1250 ppm	Day : 8				
0205_03	1250 ppm	Day : 29	4.8	344	24	7.6

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:15

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
0206_03	1250 ppm	Day : 8				
0206_03	1250 ppm	Day : 29	4.6	337	33	14.4
0207_03	1250 ppm	Day : 8				
0207_03	1250 ppm	Day : 29	4.8	328	37	14.5
0208_03	1250 ppm	Day : 8				
0208_03	1250 ppm	Day : 29	4.8	383	36	10
0209_03	1250 ppm	Day : 8				
0209_03	1250 ppm	Day : 29	4.7	387	31	10.6
0210_03	1250 ppm	Day : 8				
0210_03	1250 ppm	Day : 29	4.4	278	26	13.1
0211_03	2500 ppm	Day : 8				
0211_03	2500 ppm	Day : 29	4.6	309	30	8.9
0212_03	2500 ppm	Day : 8				
0212_03	2500 ppm	Day : 29	4.7	315	31	14.6
0213_03	2500 ppm	Day : 8				
0213_03	2500 ppm	Day : 29	4.9	379	35	44.8
0214_03	2500 ppm	Day : 8				
0214_03	2500 ppm	Day : 29	5	379	30	14.1
0215_03	2500 ppm	Day : 8				
0215_03	2500 ppm	Day : 29	5	300	25	16.3
0216_03	2500 ppm	Day : 8				
0216_03	2500 ppm	Day : 29	4.4	303	23	12

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:15

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
0216_03	2500 ppm	Day : 29	4.4	303	23	12
0217_03	2500 ppm	Day : 8				
0217_03	2500 ppm	Day : 29	4.5	335	28	15.8
0218_03	2500 ppm	Day : 8				
0218_03	2500 ppm	Day : 29	4.8	330	24	20.2
0219_03	2500 ppm	Day : 8				
0219_03	2500 ppm	Day : 29	4.6	313	25	9.6
0220_03	2500 ppm	Day : 8				
0220_03	2500 ppm	Day : 29	4.9	327	34	24.7
0221_03	5000 ppm	Day : 8				
0221_03	5000 ppm	Day : 29	4.3	313	27	49.4
0222_03	5000 ppm	Day : 8				
0222_03	5000 ppm	Day : 29	4.2	318	25	8.4
0223_03	5000 ppm	Day : 8				
0224_03	5000 ppm	Day : 8				
0224_03	5000 ppm	Day : 29	4.4	298	21	26.4
0225_03	5000 ppm	Day : 8				
0225_03	5000 ppm	Day : 29	4.5	308	24	18
0226_03	5000 ppm	Day : 8				
0226_03	5000 ppm	Day : 29	4.6	351	21	10.7
0227_03	5000 ppm	Day : 8				
0227_03	5000 ppm	Day : 29	4.6	308	24	29.5

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:15

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
0228_03	5000 ppm	Day : 8				
0228_03	5000 ppm	Day : 29	4.6	337	26	35.1
0229_03	5000 ppm	Day : 8				
0229_03	5000 ppm	Day : 29	4.7	358	22	23.9
0230_03	5000 ppm	Day : 8				
0230_03	5000 ppm	Day : 29	4.5	344	37	16.4
0231_03	10000 ppm	Day : 8				
0231_03	10000 ppm	Day : 29	4.1	288	18	39.4
0232_03	10000 ppm	Day : 8				
0232_03	10000 ppm	Day : 29	3.8	287	16	17.1
0233_03	10000 ppm	Day : 8				
0233_03	10000 ppm	Day : 29	3.7	288	53	29.3
0234_03	10000 ppm	Day : 8				
0234_03	10000 ppm	Day : 29	4.1	282	19	5.5
0235_03	10000 ppm	Day : 8				
0235_03	10000 ppm	Day : 29	4.1	305	21	38.6
0236_03	10000 ppm	Day : 8				
0236_03	10000 ppm	Day : 29	4.2	297	16	46.9
0237_03	10000 ppm	Day : 8				
0237_03	10000 ppm	Day : 29	4.3	299	18	38.9
0238_03	10000 ppm	Day : 8				
0238_03	10000 ppm	Day : 29	4.1	280	20	63.2

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:15

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	4.1	280	20	63.2
0239_03	10000 ppm	Day : 8				
0239_03	10000 ppm	Day : 29	3.2	221	28	44.2
0240_03	10000 ppm	Day : 8				

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:15

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
0061_03	0 ppm	Day : 93	20	298	0.4	6.5
0062_03	0 ppm	Day : 93	19	268	0.4	6.7
0063_03	0 ppm	Day : 93	20	117	0.4	7.3
0064_03	0 ppm	Day : 93	19	208	0.4	6.6
0065_03	0 ppm	Day : 93	16	174	0.4	6.9
0066_03	0 ppm	Day : 93	19	148	0.4	6.2
0067_03	0 ppm	Day : 93	18	175	0.5	6.8
0068_03	0 ppm	Day : 93	21	127	0.4	6.4
0069_03	0 ppm	Day : 93	22	123	0.4	6.9
0070_03	0 ppm	Day : 93	20	135	0.5	6.6
0071_03	625 ppm	Day : 93	21	204	0.3	6.3
0072_03	625 ppm	Day : 93	18	100	0.4	7.0
0073_03	625 ppm	Day : 93	22	140	0.4	6.5
0074_03	625 ppm	Day : 93	23	336	0.3	6.8
0075_03	625 ppm	Day : 93	20	279	0.4	6.8
0076_03	625 ppm	Day : 93	20	135	0.3	6.4
0077_03	625 ppm	Day : 93	19	169	0.3	7.4
0078_03	625 ppm	Day : 93	21	412	0.2	6.5
0079_03	625 ppm	Day : 93	19	153	0.3	6.3
0080_03	625 ppm	Day : 93	24	188	0.3	6.5
0081_03	1250 ppm	Day : 93	20	125	0.3	6.4
0082_03	1250 ppm	Day : 93	21	142	0.2	6.7

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:15

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	18	179	0.3	6.7
0084_03	1250 ppm	Day : 93	20	136	0.2	6.6
0085_03	1250 ppm	Day : 93	19	222	0.3	7.0
0086_03	1250 ppm	Day : 93	23	151	0.3	6.6
0087_03	1250 ppm	Day : 93	21	166	0.2	6.9
0088_03	1250 ppm	Day : 93	18	106	0.2	6.1
0089_03	1250 ppm	Day : 93	19	203	0.4	7.0
0090_03	1250 ppm	Day : 93	18	78	0.3	6.7
0091_03	2500 ppm	Day : 93	21	185	0.0	6.4
0092_03	2500 ppm	Day : 93	18	291	0.2	6.7
0093_03	2500 ppm	Day : 93	19	196	0.1	6.3
0094_03	2500 ppm	Day : 93	20	219	0.1	6.8
0095_03	2500 ppm	Day : 93	20	143	0.1	6.4
0096_03	2500 ppm	Day : 93	21	350	0.0	6.3
0097_03	2500 ppm	Day : 93	18	140	0.3	6.6
0098_03	2500 ppm	Day : 93	16	114	0.1	6.0
0099_03	2500 ppm	Day : 93	20	243	0.1	6.3
0100_03	2500 ppm	Day : 93	20	142	0.0	6.5
0101_03	5000 ppm	Day : 93	18	186	INT	6.4
0102_03	5000 ppm	Day : 93	21	156	INT	7.0
0103_03	5000 ppm	Day : 93	19	119	INT	6.4
0104_03	5000 ppm	Day : 93	21	102	INT	7.0

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:15

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
0105_03	5000 ppm	Day : 93	20	319	INT	6.7
0106_03	5000 ppm	Day : 93	18	158	INT	6.2
0107_03	5000 ppm	Day : 93	19	151	INT	6.6
0108_03	5000 ppm	Day : 93	18	169	INT	6.4
0109_03	5000 ppm	Day : 93	19	139	INT	6.7
0110_03	5000 ppm	Day : 93	17	329	INT	6.4
0111_03	10000 ppm	Day : 93	20	207	INT	6.2
0112_03	10000 ppm	Day : 93	18	203	INT	6.4
0113_03	10000 ppm	Day : 93	21	176	INT	6.2
0114_03	10000 ppm	Day : 93	17	184	INT	6.2
0115_03	10000 ppm	Day : 93	17	76	INT	5.9
0116_03	10000 ppm	Day : 93	21	91	INT	6.7
0117_03	10000 ppm	Day : 93	19	363	INT	6.3
0118_03	10000 ppm	Day : 93	22	168	INT	6.3
0119_03	10000 ppm	Day : 93	20	137	INT	6.8
0120_03	10000 ppm	Day : 93	21	102	INT	5.8
0181_03	0 ppm	Day : 8				
0181_03	0 ppm	Day : 29	25	331	0.7	6
0182_03	0 ppm	Day : 8				
0182_03	0 ppm	Day : 29	22	661	0.7	6.2
0183_03	0 ppm	Day : 8				
0183_03	0 ppm	Day : 29	19	507	0.7	6.5

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:15

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 : 8				
0184_03	0 ppm	Day : 29	21	523	0.6	6.3
0185_03	0 ppm	Day : 8				
0185_03	0 ppm	Day : 29	21	268	0.7	5.9
0186_03	0 ppm	Day : 8				
0186_03	0 ppm	Day : 29	25	411	0.7	6.3
0187_03	0 ppm	Day : 8				
0187_03	0 ppm	Day : 29	23	488	0.7	6.7
0188_03	0 ppm	Day : 8				
0188_03	0 ppm	Day : 29	21	205	0.6	5.9
0189_03	0 ppm	Day : 8				
0189_03	0 ppm	Day : 29	22	466	0.6	5.8
0190_03	0 ppm	Day : 8				
0190_03	0 ppm	Day : 29	23	429	0.6	6.1
0191_03	625 ppm	Day : 8				
0191_03	625 ppm	Day : 29	20	326	0.5	6
0192_03	625 ppm	Day : 8				
0192_03	625 ppm	Day : 29	22	215	0.6	6.1
0193_03	625 ppm	Day : 8				
0193_03	625 ppm	Day : 29	23	345	0.5	6.2
0194_03	625 ppm	Day : 8				
0194_03	625 ppm	Day : 29	21	314	0.5	6.2

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:16

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0195_03	625 ppm	Day : 8				
0195_03	625 ppm	Day : 29	23	290	0.6	5.9
0196_03	625 ppm	Day : 8				
0197_03	625 ppm	Day : 8				
0197_03	625 ppm	Day : 29	22	467	0.5	6.1
0198_03	625 ppm	Day : 8				
0199_03	625 ppm	Day : 8				
0199_03	625 ppm	Day : 29	21	666	0.5	6.3
0200_03	625 ppm	Day : 8				
0200_03	625 ppm	Day : 29	22	773	INT	5.7
0201_03	1250 ppm	Day : 8				
0201_03	1250 ppm	Day : 29	21	453	0.5	6.1
0202_03	1250 ppm	Day : 8				
0202_03	1250 ppm	Day : 29	19	532	0.4	5.8
0203_03	1250 ppm	Day : 8				
0203_03	1250 ppm	Day : 29	20	352	0.5	6.3
0204_03	1250 ppm	Day : 8				
0204_03	1250 ppm	Day : 29	22	744	0.5	6
0205_03	1250 ppm	Day : 8				
0205_03	1250 ppm	Day : 29	19	441	0.5	6.4
0206_03	1250 ppm	Day : 8				
0206_03	1250 ppm	Day : 29	19	451	0.4	5.9

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:16

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0207_03	1250 ppm	Day : 8				
0207_03	1250 ppm	Day : 29	20	288	0.4	5.9
0208_03	1250 ppm	Day : 8				
0208_03	1250 ppm	Day : 29	24	590	0.4	6
0209_03	1250 ppm	Day : 8				
0209_03	1250 ppm	Day : 29	22	295	0.4	5.9
0210_03	1250 ppm	Day : 8				
0210_03	1250 ppm	Day : 29	21	528	0.4	5.6
0211_03	2500 ppm	Day : 8				
0211_03	2500 ppm	Day : 29	21	726	0.2	5.9
0212_03	2500 ppm	Day : 8				
0212_03	2500 ppm	Day : 29	22	470	0.2	6
0213_03	2500 ppm	Day : 8				
0213_03	2500 ppm	Day : 29	24	298	0.2	6
0214_03	2500 ppm	Day : 8				
0214_03	2500 ppm	Day : 29	23	555	0.2	6.5
0215_03	2500 ppm	Day : 8				
0215_03	2500 ppm	Day : 29	19	256	0.3	6.3
0216_03	2500 ppm	Day : 8				
0216_03	2500 ppm	Day : 29	22	643	0.2	5.4
0217_03	2500 ppm	Day : 8				
0217_03	2500 ppm	Day : 29	21	793	0.2	6

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:16

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0218_03	2500 ppm	Day : 8				
0218_03	2500 ppm	Day : 29	20	425	0.3	6.2
0219_03	2500 ppm	Day : 8				
0219_03	2500 ppm	Day : 29	21	368	0.2	5.9
0220_03	2500 ppm	Day : 8				
0220_03	2500 ppm	Day : 29	22	485	0.3	6.1
0221_03	5000 ppm	Day : 8				
0221_03	5000 ppm	Day : 29	24	643	INT	5.6
0222_03	5000 ppm	Day : 8				
0222_03	5000 ppm	Day : 29	20	512	INT	5.5
0223_03	5000 ppm	Day : 8				
0224_03	5000 ppm	Day : 8				
0224_03	5000 ppm	Day : 29	20	612	INT	6
0225_03	5000 ppm	Day : 8				
0225_03	5000 ppm	Day : 29	19	802	INT	5.8
0226_03	5000 ppm	Day : 8				
0226_03	5000 ppm	Day : 29	22	710	0	5.9
0227_03	5000 ppm	Day : 8				
0227_03	5000 ppm	Day : 29	18	621	INT	5.9
0228_03	5000 ppm	Day : 8				
0228_03	5000 ppm	Day : 29	20	425	INT	6.1
0229_03	5000 ppm	Day : 8				

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:16

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0229_03	5000 ppm	Day : 29	20	686	0.1	6.3
0230_03	5000 ppm	Day : 8				
0230_03	5000 ppm	Day : 29	22	775	INT	6.1
0231_03	10000 ppm	Day : 8				
0231_03	10000 ppm	Day : 29	21	474	INT	5.4
0232_03	10000 ppm	Day : 8				
0232_03	10000 ppm	Day : 29	21	823	INT	5.2
0233_03	10000 ppm	Day : 8				
0233_03	10000 ppm	Day : 29	28	1091	INT	4.7
0234_03	10000 ppm	Day : 8				
0234_03	10000 ppm	Day : 29	20	395	INT	5.5
0235_03	10000 ppm	Day : 8				
0235_03	10000 ppm	Day : 29	21	646	INT	5.7
0236_03	10000 ppm	Day : 8				
0236_03	10000 ppm	Day : 29	19	314	INT	5.4
0237_03	10000 ppm	Day : 8				
0237_03	10000 ppm	Day : 29	19	783	INT	5.7
0238_03	10000 ppm	Day : 8				
0238_03	10000 ppm	Day : 29	20	356	INT	5.5
0239_03	10000 ppm	Day : 8				
0239_03	10000 ppm	Day : 29	29	1279	INT	4.3
0240_03	10000 ppm	Day : 8				

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:16

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
0061_03	0 ppm	Day : 93	19.1	0.00	3.1	130
0062_03	0 ppm	Day : 93	22.7	0.00	2.1	125
0063_03	0 ppm	Day : 93	43.0	0.00	0.8	109
0064_03	0 ppm	Day : 93	24.1	0.00	3.3	130
0065_03	0 ppm	Day : 93	30.3	0.50	2.6	160
0066_03	0 ppm	Day : 93	29.2	0.64	3.2	137
0067_03	0 ppm	Day : 93	19.6	1.27	2.8	175
0068_03	0 ppm	Day : 93	21.7	0.29	3.6	140
0069_03	0 ppm	Day : 93	29.9	0.00	1.4	118
0070_03	0 ppm	Day : 93	31.3	0.00	2.8	141
0071_03	625 ppm	Day : 93	29.5	0.00	2.0	128
0072_03	625 ppm	Day : 93	22.1	1.30	3.0	171
0073_03	625 ppm	Day : 93	30.6	0.75	2.3	148
0074_03	625 ppm	Day : 93	27.8	0.00	1.0	117
0075_03	625 ppm	Day : 93	28.8	1.04	2.6	119
0076_03	625 ppm	Day : 93	21.6	0.00	2.4	137
0077_03	625 ppm	Day : 93	24.2	0.00	1.6	173
0078_03	625 ppm	Day : 93	16.5	0.00	2.2	153
0079_03	625 ppm	Day : 93	19.3	1.81	2.9	155
0080_03	625 ppm	Day : 93	34.0	0.00	1.7	119
0081_03	1250 ppm	Day : 93	21.8	0.21	2.6	154

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:16

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
0082_03	1250 ppm	Day : 93	29.2	0.00	1.1	109
0083_03	1250 ppm	Day : 93	28.3	0.00	1.1	139
0084_03	1250 ppm	Day : 93	39.3	0.00	1.1	117
0085_03	1250 ppm	Day : 93	28.4	0.25	2.7	149
0086_03	1250 ppm	Day : 93	28.7	0.05	1.5	141
0087_03	1250 ppm	Day : 93	30.1	0.00	1.0	121
0088_03	1250 ppm	Day : 93	21.7	0.55	2.8	157
0089_03	1250 ppm	Day : 93	27.5	1.62	3.3	160
0090_03	1250 ppm	Day : 93	19.1	0.00	2.2	145
0091_03	2500 ppm	Day : 93	27.9	0.47	2.3	140
0092_03	2500 ppm	Day : 93	27.3	1.64	1.2	139
0093_03	2500 ppm	Day : 93	22.6	0.16	4.0	156
0094_03	2500 ppm	Day : 93	36.6	0.88	0.5	114
0095_03	2500 ppm	Day : 93	34.4	0.46	2.7	138
0096_03	2500 ppm	Day : 93	22.9	0.00	1.7	113
0097_03	2500 ppm	Day : 93	23.1	0.84	2.7	128
0098_03	2500 ppm	Day : 93	24.4	0.63	2.6	154
0099_03	2500 ppm	Day : 93	22.2	0.00	1.7	129
0100_03	2500 ppm	Day : 93	21.5	0.11	2.2	147
0101_03	5000 ppm	Day : 93	29.9	0.09	2.5	153
0102_03	5000 ppm	Day : 93	23.9	QNS	2.7	136

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:16

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
0103_03	5000 ppm	Day : 93	27.0	0.96	1.2	125
0104_03	5000 ppm	Day : 93	18.5	1.83	2.0	146
0105_03	5000 ppm	Day : 93	20.5	0.07	2.6	127
0106_03	5000 ppm	Day : 93	22.4	3.22	3.1	141
0107_03	5000 ppm	Day : 93	21.0	0.29	2.3	125
0108_03	5000 ppm	Day : 93	18.6	0.14	2.0	136
0109_03	5000 ppm	Day : 93	28.2	1.93	2.1	132
0110_03	5000 ppm	Day : 93	16.6	2.50	3.7	158
0111_03	10000 ppm	Day : 93	14.1	9.70	<0.3	93
0112_03	10000 ppm	Day : 93	21.1	2.84	1.3	132
0113_03	10000 ppm	Day : 93	19.5	10.44	0.7	106
0114_03	10000 ppm	Day : 93	13.6	6.24	1.1	135
0115_03	10000 ppm	Day : 93	15.1	9.54	0.5	101
0116_03	10000 ppm	Day : 93	25.6	5.80	<0.3	111
0117_03	10000 ppm	Day : 93	18.6	6.95	0.9	114
0118_03	10000 ppm	Day : 93	17.6	10.65	0.3	107
0119_03	10000 ppm	Day : 93	29.9	8.95	1.0	119
0120_03	10000 ppm	Day : 93	17.0	QNS	0.5	104
0181_03	0 ppm	Day : 8		1.02	4.8	158
0181_03	0 ppm	Day : 29	35.2	0	2.3	100
0182_03	0 ppm	Day : 8		1.42	4	151

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:16

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
0182_03	0 ppm	Day : 29	16.3	0.43	4	131
0183_03	0 ppm	Day : 8		0.44	1.7	104
0183_03	0 ppm	Day : 29	19.2	0.55	3.6	119
0184_03	0 ppm	Day : 8		0.58	3.6	132
0184_03	0 ppm	Day : 29	15.5	0.41	4.6	136
0185_03	0 ppm	Day : 8		0.98	3.6	131
0185_03	0 ppm	Day : 29	23.7	0.28	5.3	159
0186_03	0 ppm	Day : 8		1.46	4.6	158
0186_03	0 ppm	Day : 29	25.6	0.44	2.4	147
0187_03	0 ppm	Day : 8		0.96	4.2	167
0187_03	0 ppm	Day : 29	31.6	0.97	3	139
0188_03	0 ppm	Day : 8		1.05	4.8	167
0188_03	0 ppm	Day : 29	21.1	0.28	3.5	166
0189_03	0 ppm	Day : 8		1.35	3.2	131
0189_03	0 ppm	Day : 29	21.7	0.36	3.1	142
0190_03	0 ppm	Day : 8		1.16	4.2	126
0190_03	0 ppm	Day : 29	24.8	0.06	2.6	146
0191_03	625 ppm	Day : 8		0.58	2.9	128
0191_03	625 ppm	Day : 29	20.6	0.66	3.3	154
0192_03	625 ppm	Day : 8		0.47	3.2	131
0192_03	625 ppm	Day : 29	24.5	0.5	3.1	150

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:16

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
0193_03	625 ppm	Day : 8		1.51	3.9	158
0193_03	625 ppm	Day : 29	24.2	0	0.9	120
0194_03	625 ppm	Day : 8		0.59	3.3	127
0194_03	625 ppm	Day : 29	23.5	0.54	3	142
0195_03	625 ppm	Day : 8		0.53	2.7	117
0195_03	625 ppm	Day : 29	23.1	0.38	3.3	149
0196_03	625 ppm	Day : 8		0.54	1.7	110
0197_03	625 ppm	Day : 8		1.74	4.2	161
0197_03	625 ppm	Day : 29	29.3	0.77	1.4	138
0198_03	625 ppm	Day : 8		0.99	1.7	111
0199_03	625 ppm	Day : 8		0.63	3.5	125
0199_03	625 ppm	Day : 29	19.1	0.45	2.4	136
0200_03	625 ppm	Day : 8		1.36	4	137
0200_03	625 ppm	Day : 29	15.2	5.71	1.2	128
0201_03	1250 ppm	Day : 8		1.13	3.7	145
0201_03	1250 ppm	Day : 29	23	1.22	4.3	151
0202_03	1250 ppm	Day : 8		4	4.4	150
0202_03	1250 ppm	Day : 29	23.5	1.33	2.8	131
0203_03	1250 ppm	Day : 8		2.56	2.8	137
0203_03	1250 ppm	Day : 29	27.1	1.04	3.4	141
0204_03	1250 ppm	Day : 8		0.84	3.7	143

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:16

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
0204_03	1250 ppm	Day : 29	22.4	0.96	3.2	143
0205_03	1250 ppm	Day : 8		1.49	4	141
0205_03	1250 ppm	Day : 29	15.5	0.37	3.8	162
0206_03	1250 ppm	Day : 8		1.73	4	146
0206_03	1250 ppm	Day : 29	20.8	1.23	3.7	165
0207_03	1250 ppm	Day : 8		0.99	2.5	116
0207_03	1250 ppm	Day : 29	22.7	0.81	2.2	147
0208_03	1250 ppm	Day : 8		1.74	3.9	148
0208_03	1250 ppm	Day : 29	23.1	0.76	2.1	139
0209_03	1250 ppm	Day : 8		0.71	3.3	137
0209_03	1250 ppm	Day : 29	24.1	0.92	2	130
0210_03	1250 ppm	Day : 8		2.23	4.1	148
0210_03	1250 ppm	Day : 29	20.9	0.46	1.7	125
0211_03	2500 ppm	Day : 8		5.1	3.6	121
0211_03	2500 ppm	Day : 29	13.3	0.21	2	122
0212_03	2500 ppm	Day : 8		7.05	2.8	118
0212_03	2500 ppm	Day : 29	21.9	0.7	3.3	138
0213_03	2500 ppm	Day : 8		4.71	3.5	132
0213_03	2500 ppm	Day : 29	25	1.06	2	150
0214_03	2500 ppm	Day : 8		1.45	3.1	123
0214_03	2500 ppm	Day : 29	23.5	0.77	1.6	120

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:16

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
0215_03	2500 ppm	Day : 8		6.1	2.7	117
0215_03	2500 ppm	Day : 29	22.2	0.83	2.6	135
0216_03	2500 ppm	Day : 8		1.87	2.4	120
0216_03	2500 ppm	Day : 29	15.4	0.45	2	131
0217_03	2500 ppm	Day : 8		8.09	3.4	116
0217_03	2500 ppm	Day : 29	17.9	0.28	2.2	135
0218_03	2500 ppm	Day : 8		4.48	2.6	112
0218_03	2500 ppm	Day : 29	19.3	1.39	3.6	155
0219_03	2500 ppm	Day : 8		1.56	2.3	115
0219_03	2500 ppm	Day : 29	23.3	0.68	1.9	137
0220_03	2500 ppm	Day : 8		3.44	3.7	125
0220_03	2500 ppm	Day : 29	23	1.26	1.1	130
0221_03	5000 ppm	Day : 8		8.58	0.4	78
0221_03	5000 ppm	Day : 29	13.8	3.4	1.8	126
0222_03	5000 ppm	Day : 8		8.57	<0.4	73
0222_03	5000 ppm	Day : 29	13.2	1.56	1.5	154
0223_03	5000 ppm	Day : 8		7.46	0.6	85
0224_03	5000 ppm	Day : 8		10.77	0.7	85
0224_03	5000 ppm	Day : 29	13.2	0.54	1.8	116
0225_03	5000 ppm	Day : 8		6.22	0.8	82
0225_03	5000 ppm	Day : 29	18.1	0.86	3.5	133

Experiment Number: 92012-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:39:16

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
0226_03	5000 ppm	Day : 8		9.44	<0.4	81
0226_03	5000 ppm	Day : 29	16.1	2.27	1.5	117
0227_03	5000 ppm	Day : 8		10.84	0.5	75
0227_03	5000 ppm	Day : 29	12.6	3.92	2.6	130
0228_03	5000 ppm	Day : 8		8.42	0.4	77
0228_03	5000 ppm	Day : 29	29.6	3.09	2.4	133
0229_03	5000 ppm	Day : 8		10.29	0.5	86
0229_03	5000 ppm	Day : 29	20.5	1.56	3	114
0230_03	5000 ppm	Day : 8		9.89	0.9	94
0230_03	5000 ppm	Day : 29	19.1	3.66	1.5	133
0231_03	10000 ppm	Day : 8		7.19	0.7	78
0231_03	10000 ppm	Day : 29	19	8.75	1	116
0232_03	10000 ppm	Day : 8		8.3	<0.4	71
0232_03	10000 ppm	Day : 29	10.8	9.89	0.7	128
0233_03	10000 ppm	Day : 8		7.65	0.4	69
0233_03	10000 ppm	Day : 29	70	8.72	<0.3	QNS
0234_03	10000 ppm	Day : 8		7.21	0.9	73
0234_03	10000 ppm	Day : 29	19.8	8.72	0.6	100
0235_03	10000 ppm	Day : 8		6.86	1.3	83
0235_03	10000 ppm	Day : 29	18.6	9.1	0.6	113
0236_03	10000 ppm	Day : 8		10.4	0.5	74

Experiment Number: 92012-03
Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014
Time Report Requested: 01:39:16
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 : 29	15.4	8.67	1	118
0237_03	10000 ppm	Day : 8		7.89	0.5	74
0237_03	10000 ppm	Day : 29	19	7.71	1	126
0238_03	10000 ppm	Day : 8		8.83	0.6	88
0238_03	10000 ppm	Day : 29	16.6	10.77	0.5	121
0239_03	10000 ppm	Day : 8		7.52	<0.4	84
0239_03	10000 ppm	Day : 29	38.1	4.07	1	109
0240_03	10000 ppm	Day : 8		6.42	1	69

** END OF REPORT **