

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:38

First Dose M/F: NA / NA

Lab: NA

C Number: C55301B

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

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Date Report Requested: 10/24/2014

Time Report Requested: 11:54:38

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_02	0 ppm	Day : 90	3.4	219	49	45
0002_02	0 ppm	Day : 90	3.6	237	63	30
0003_02	0 ppm	Day : 90	3.5	230	61	25
0004_02	0 ppm	Day : 90	3.7	228	57	65
0005_02	0 ppm	Day : 90	3.5	230	72	38
0006_02	0 ppm	Day : 90	3.7	252	63	23
0007_02	0 ppm	Day : 90	3.7	228	56	21
0008_02	0 ppm	Day : 90	3.8	283	64	18
0009_02	0 ppm	Day : 90	3.4	217	66	21
0010_02	0 ppm	Day : 90	3.1	234	50	19
0011_02	50 ppm	Day : 90	3.5	225	44	17
0012_02	50 ppm	Day : 90	3.5	208	70	19
0013_02	50 ppm	Day : 90	3.4	208	56	32
0014_02	50 ppm	Day : 90	3.6	224	63	26
0015_02	50 ppm	Day : 90	3.6	241	46	21
0016_02	50 ppm	Day : 90	3.7	220	44	19
0017_02	50 ppm	Day : 90	3.4	220	46	21
0018_02	50 ppm	Day : 90	3.6	205	67	37
0019_02	50 ppm	Day : 90	3.7	234	44	47
0020_02	50 ppm	Day : 90	3.9	207	78	56
0021_02	100 ppm	Day : 90	3.8	234	37	30
0022_02	100 ppm	Day : 90	3.5	226	44	37

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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
0023_02	100 ppm	Day : 90	3.7	190	44	25
0024_02	100 ppm	Day : 90	3.9	229	47	27
0025_02	100 ppm	Day : 90	3.8	232	46	15
0026_02	100 ppm	Day : 90	3.9	218	51	16
0027_02	100 ppm	Day : 90	3.8	223	45	15
0028_02	100 ppm	Day : 90	3.7	210	96	54
0029_02	100 ppm	Day : 90	4.3	209	57	16
0030_02	100 ppm	Day : 90	4.2	262	55	25
0031_02	250 ppm	Day : 90	3.9	187	39	73
0032_02	250 ppm	Day : 90	3.8	208	32	19
0033_02	250 ppm	Day : 90	3.6	188	40	33
0034_02	250 ppm	Day : 90	3.5	210	55	52
0035_02	250 ppm	Day : 90	3.8	218	51	42
0036_02	250 ppm	Day : 90	3.8	206	39	20
0037_02	250 ppm	Day : 90	3.9	216	50	89
0038_02	250 ppm	Day : 90	3.9	202	38	22
0039_02	250 ppm	Day : 90	3.7	198	47	17
0040_02	250 ppm	Day : 90	3.9	197	45	36
0041_02	500 ppm	Day : 90	4.2	205	46	48
0042_02	500 ppm	Day : 90	4.1	204	49	62
0043_02	500 ppm	Day : 90	4	178	52	22
0044_02	500 ppm	Day : 90	3.9	173	71	123

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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
0044_02	500 ppm	Day : 90	3.9	173	71	123
0045_02	500 ppm	Day : 90	4.1	221	47	28
0046_02	500 ppm	Day : 90	4	151	59	67
0047_02	500 ppm	Day : 90	3.8	176	48	146
0048_02	500 ppm	Day : 90	4	157	42	42
0049_02	500 ppm	Day : 90	4.1	153	45	41
0050_02	500 ppm	Day : 90	3.9	142	39	42
0051_02	1000 ppm	Day : 90	4.2	255	101	113
0052_02	1000 ppm	Day : 90	4.1	344	273	147
0053_02	1000 ppm	Day : 90	3.6	245	67	37
0054_02	1000 ppm	Day : 90	4	353	770	131
0055_02	1000 ppm	Day : 90	3.4	109	2870	280
0056_02	1000 ppm	Day : 90	4.2	279	157	159
0057_02	1000 ppm	Day : 90	3.5	239	690	186
0058_02	1000 ppm	Day : 90	4.1	242	54	111
0059_02	1000 ppm	Day : 90	3.6	376	600	168
0060_02	1000 ppm	Day : 90	3.8	337	247	168
0131_02	0 ppm	Day : 5	3.3	437	43	20
0131_02	0 ppm	Day : 20	3.8	425	55	25
0132_02	0 ppm	Day : 5	3.5	329	36	17
0132_02	0 ppm	Day : 20	3.8	360	72	40
0133_02	0 ppm	Day : 5	3.3	406	38	31

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
0133_02	0 ppm	Day : 20	3.8	385	41	22
0134_02	0 ppm	Day : 5	3.7	434	44	30
0134_02	0 ppm	Day : 20	3.9	389	55	35
0135_02	0 ppm	Day : 5	3.6	437	37	33
0135_02	0 ppm	Day : 20	4.1	406	46	22
0136_02	0 ppm	Day : 5	3.6	437	45	48
0136_02	0 ppm	Day : 20	3.6	398	48	17
0137_02	0 ppm	Day : 5	3.1	482	45	45
0137_02	0 ppm	Day : 20	3.7	401	50	41
0138_02	0 ppm	Day : 5	3.6	487	37	44
0138_02	0 ppm	Day : 20	3.6	411	46	42
0139_02	0 ppm	Day : 5	3.7	475	49	17
0139_02	0 ppm	Day : 20	4	479	53	16
0140_02	0 ppm	Day : 5	3.3	487	48	50
0140_02	0 ppm	Day : 20	4	451	59	23
0141_02	50 ppm	Day : 5	3.5	433	47	27
0141_02	50 ppm	Day : 20	4	313	36	24
0142_02	50 ppm	Day : 5	3.2	464	45	37
0142_02	50 ppm	Day : 20	4	352	53	69
0143_02	50 ppm	Day : 5	3.8	432	54	31
0143_02	50 ppm	Day : 20	3.9	324	38	44
0144_02	50 ppm	Day : 5	3.5	476	52	31

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
0144_02	50 ppm	Day : 5	3.5	476	52	31
0144_02	50 ppm	Day : 20	3.8	351	39	38
0145_02	50 ppm	Day : 5	3.7	465	45	48
0145_02	50 ppm	Day : 20	4.4	334	61	32
0146_02	50 ppm	Day : 5	3.5	447	41	30
0146_02	50 ppm	Day : 20	4	279	36	46
0147_02	50 ppm	Day : 5	3.9	504	48	26
0147_02	50 ppm	Day : 20	3.9	260	47	37
0148_02	50 ppm	Day : 5	3.4	476	42	29
0148_02	50 ppm	Day : 20	3.9	240	41	36
0149_02	50 ppm	Day : 5	3.7	500	45	28
0149_02	50 ppm	Day : 20	3.9	280	45	41
0150_02	50 ppm	Day : 5	3.9	479	41	60
0150_02	50 ppm	Day : 20	3.7	282	39	36
0151_02	100 ppm	Day : 5	3.7	451	50	32
0151_02	100 ppm	Day : 20	3.7	377	34	27
0152_02	100 ppm	Day : 5	3.5	440	48	31
0152_02	100 ppm	Day : 20	4	380	42	26
0153_02	100 ppm	Day : 5	3.7	453	58	18
0153_02	100 ppm	Day : 20	4	410	39	18
0154_02	100 ppm	Day : 5	3.6	452	47	20
0154_02	100 ppm	Day : 20	3.8	321	41	29

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_02	100 ppm	Day : 5	3.7	555	45	98
0155_02	100 ppm	Day : 20	4	469	43	46
0156_02	100 ppm	Day : 5	3.9	405	49	39
0156_02	100 ppm	Day : 20	4	353	39	18
0157_02	100 ppm	Day : 5	3.6	400	50	57
0157_02	100 ppm	Day : 20	4.4	350	38	18
0158_02	100 ppm	Day : 5	3.9	467	51	38
0158_02	100 ppm	Day : 20	4.1	400	41	17
0159_02	100 ppm	Day : 5	4.1	515	50	26
0159_02	100 ppm	Day : 20	4.2	432	39	19
0160_02	100 ppm	Day : 5	3.9	405	57	27
0160_02	100 ppm	Day : 20	4.2	361	42	48
0161_02	250 ppm	Day : 5	3.7	439	52	24
0161_02	250 ppm	Day : 20	4.1	346	37	37
0162_02	250 ppm	Day : 5	3.3	389	47	30
0162_02	250 ppm	Day : 20	4	393	44	39
0163_02	250 ppm	Day : 5	3.8	406	49	25
0163_02	250 ppm	Day : 20	4.2	364	50	19
0164_02	250 ppm	Day : 5	3.5	461	48	34
0164_02	250 ppm	Day : 20	3.9	354	37	21
0165_02	250 ppm	Day : 5	3.9	392	49	32
0165_02	250 ppm	Day : 20	4	316	41	35

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
0165_02	250 ppm	Day : 20	4	316	41	35
0166_02	250 ppm	Day : 5	3.6	424	45	23
0166_02	250 ppm	Day : 20	3.9	262	34	23
0167_02	250 ppm	Day : 5	4	443	42	24
0167_02	250 ppm	Day : 20	3.6	281	35	19
0168_02	250 ppm	Day : 5	3.8	386	46	21
0168_02	250 ppm	Day : 20	4.2	277	34	40
0169_02	250 ppm	Day : 5	3.9	466	47	19
0169_02	250 ppm	Day : 20	4	283	36	36
0170_02	250 ppm	Day : 5	3.9	423	46	34
0170_02	250 ppm	Day : 20	4.1	326	39	34
0171_02	500 ppm	Day : 5	3.8	407	40	23
0171_02	500 ppm	Day : 20	4.1	199	52	37
0172_02	500 ppm	Day : 5	3.8	454	81	60
0172_02	500 ppm	Day : 20	3.7	196	38	36
0173_02	500 ppm	Day : 5	3.6	496	147	90
0173_02	500 ppm	Day : 20	4.3	225	34	93
0174_02	500 ppm	Day : 5	3.7	470	64	66
0174_02	500 ppm	Day : 20	4.1	217	52	53
0175_02	500 ppm	Day : 5	3.8	451	44	24
0175_02	500 ppm	Day : 20	4	233	30	46
0176_02	500 ppm	Day : 5	3.4	495	51	35

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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
0176_02	500 ppm	Day : 20	4.2	323	38	70
0177_02	500 ppm	Day : 5	3.6	487	46	65
0177_02	500 ppm	Day : 20	4.4	357	68	85
0178_02	500 ppm	Day : 5	3.7	418	38	38
0178_02	500 ppm	Day : 20	4.4	312	97	57
0179_02	500 ppm	Day : 5	3.4	501	39	37
0179_02	500 ppm	Day : 20	3.9	335	37	60
0180_02	500 ppm	Day : 5	3.4	474	47	21
0180_02	500 ppm	Day : 20	4.1	348	45	73
0181_02	1000 ppm	Day : 5	3.7	472	42	36
0181_02	1000 ppm	Day : 20	4	362	36	32
0182_02	1000 ppm	Day : 5	3.8	405	45	44
0182_02	1000 ppm	Day : 20	3.9	305	42	68
0183_02	1000 ppm	Day : 5	3.7	465	39	49
0184_02	1000 ppm	Day : 5	3.4	414	47	41
0184_02	1000 ppm	Day : 20	4	370	45	77
0185_02	1000 ppm	Day : 5	3.6	459	41	24
0185_02	1000 ppm	Day : 20	4	362	28	20
0186_02	1000 ppm	Day : 5	3.7	453	46	77
0186_02	1000 ppm	Day : 20	3.8	294	71	87
0187_02	1000 ppm	Day : 5	3.5	512	52	25
0187_02	1000 ppm	Day : 20	3.7	350	46	49

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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
0187_02	1000 ppm	Day : 20	3.7	350	46	49
0188_02	1000 ppm	Day : 5	3.8	470	51	44
0188_02	1000 ppm	Day : 20	4.4	315	77	69
0189_02	1000 ppm	Day : 5	3.1	439	50	44
0189_02	1000 ppm	Day : 20	3.9	306	57	53
0190_02	1000 ppm	Day : 5	4	469	47	22
0190_02	1000 ppm	Day : 20	3.8	317	82	81

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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
0001_02	0 ppm	Day : 90	26	161	0.6	6.3
0002_02	0 ppm	Day : 90	25	117	0.5	6.2
0003_02	0 ppm	Day : 90	23	279	0.5	6.3
0004_02	0 ppm	Day : 90	24	143	0.6	6.6
0005_02	0 ppm	Day : 90	23	165	0.6	6.5
0006_02	0 ppm	Day : 90	26	120	0.6	6.6
0007_02	0 ppm	Day : 90	27	159	0.7	6.9
0008_02	0 ppm	Day : 90	26	147	0.6	6.7
0009_02	0 ppm	Day : 90	26	280	0.5	6.3
0010_02	0 ppm	Day : 90	25	767	0.7	6
0011_02	50 ppm	Day : 90	24	463	0.6	6.3
0012_02	50 ppm	Day : 90	20	79	0.4	6.2
0013_02	50 ppm	Day : 90	23	118	0.5	6.3
0014_02	50 ppm	Day : 90	23	222	0.7	6.5
0015_02	50 ppm	Day : 90	20	136	0.5	6.4
0016_02	50 ppm	Day : 90	25	209	0.6	6.8
0017_02	50 ppm	Day : 90	21	77	0.5	6.5
0018_02	50 ppm	Day : 90	24	699	0.5	6.2
0019_02	50 ppm	Day : 90	26	299	0.6	6.7
0020_02	50 ppm	Day : 90	25	126	0.6	7
0021_02	100 ppm	Day : 90	23	102	0.5	6.6
0022_02	100 ppm	Day : 90	27	330	0.8	6.6

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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_02	100 ppm	Day : 90	23	282	0.6	6.9
0024_02	100 ppm	Day : 90	24	125	0.6	6.7
0025_02	100 ppm	Day : 90	23	123	0.5	6.6
0026_02	100 ppm	Day : 90	24	134	0.7	6.7
0027_02	100 ppm	Day : 90	22	66	0.5	6.5
0028_02	100 ppm	Day : 90	24	299	0.7	6.9
0029_02	100 ppm	Day : 90	22	97	0.5	7.3
0030_02	100 ppm	Day : 90	27	670	0.6	6.8
0031_02	250 ppm	Day : 90	26	691	0.8	6.9
0032_02	250 ppm	Day : 90	25	113	0.6	6.9
0033_02	250 ppm	Day : 90	25	223	0.7	6.8
0034_02	250 ppm	Day : 90	25	155	0.7	6.3
0035_02	250 ppm	Day : 90	24	140	0.6	7.1
0036_02	250 ppm	Day : 90	21	106	0.5	7
0037_02	250 ppm	Day : 90	22	147	0.6	6.8
0038_02	250 ppm	Day : 90	26	152	0.6	7.1
0039_02	250 ppm	Day : 90	20	202	0.4	6.7
0040_02	250 ppm	Day : 90	25	93	0.5	7
0041_02	500 ppm	Day : 90	29	113	0.6	7.6
0042_02	500 ppm	Day : 90	27	131	0.8	7.3
0043_02	500 ppm	Day : 90	22	116	0.5	6.9
0044_02	500 ppm	Day : 90	23	896	0.6	6.8

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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
0045_02	500 ppm	Day : 90	27	325	0.5	7.3
0046_02	500 ppm	Day : 90	22	172	0.6	7.1
0047_02	500 ppm	Day : 90	30	1124	0.7	6.9
0048_02	500 ppm	Day : 90	22	224	0.5	7
0049_02	500 ppm	Day : 90	26	215	0.6	7.2
0050_02	500 ppm	Day : 90	22	74	0.5	6.8
0051_02	1000 ppm	Day : 90	22	123	0.7	6.8
0052_02	1000 ppm	Day : 90	30	80	0.6	6.9
0053_02	1000 ppm	Day : 90	18	84	0.5	6.1
0054_02	1000 ppm	Day : 90	25	131	0.6	7.1
0055_02	1000 ppm	Day : 90	24	1436*	0.8	6.7
0056_02	1000 ppm	Day : 90	29	385	0.7	7.2
0057_02	1000 ppm	Day : 90	24	135	0.7	6.8
0058_02	1000 ppm	Day : 90	28	245	0.6	6.7
0059_02	1000 ppm	Day : 90	27	157	0.5	6.9
0060_02	1000 ppm	Day : 90	26	112	0.7	6.8
0131_02	0 ppm	Day : 5	20	188	0.5	6.5
0131_02	0 ppm	Day : 20	24	237	0.6	7
0132_02	0 ppm	Day : 5	21	185	0.5	6.4
0132_02	0 ppm	Day : 20	27	2000*	0.8	7
0133_02	0 ppm	Day : 5	24	470	0.5	6.3
0133_02	0 ppm	Day : 20	25	146	0.5	6.8

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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
0134_02	0 ppm	Day : 5	23	763	0.4	6.6
0134_02	0 ppm	Day : 20	27	190	0.7	7
0135_02	0 ppm	Day : 5	23	166	0.5	6.2
0135_02	0 ppm	Day : 20	26	192	0.5	6.8
0136_02	0 ppm	Day : 5	21	195	0.5	5.9
0136_02	0 ppm	Day : 20	24	142	0.6	6.3
0137_02	0 ppm	Day : 5	27	175	0.5	6.4
0137_02	0 ppm	Day : 20	23	179	0.6	6.8
0138_02	0 ppm	Day : 5	24	159	0.5	6.3
0138_02	0 ppm	Day : 20	22	97	0.6	6.5
0139_02	0 ppm	Day : 5	22	131	0.5	6.3
0139_02	0 ppm	Day : 20	22	200	0.6	7
0140_02	0 ppm	Day : 5	26	319	0.5	6.2
0140_02	0 ppm	Day : 20	23	135	0.6	6.9
0141_02	50 ppm	Day : 5	23	119	0.5	6.3
0141_02	50 ppm	Day : 20	23	424	0.5	7
0142_02	50 ppm	Day : 5	24	242	0.5	6
0142_02	50 ppm	Day : 20	23	309	0.6	7.2
0143_02	50 ppm	Day : 5	22	182	0.6	6.7
0143_02	50 ppm	Day : 20	25	110	0.5	7
0144_02	50 ppm	Day : 5	24	202	0.5	6.2
0144_02	50 ppm	Day : 20	26	159	0.5	7

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Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0145_02	50 ppm	Day : 5	20	143	0.4	6.3
0145_02	50 ppm	Day : 20	22	2440*	0.5	7.6
0146_02	50 ppm	Day : 5	26	257	0.5	6.7
0146_02	50 ppm	Day : 20	23	198	0.5	6.8
0147_02	50 ppm	Day : 5	25	842	0.6	6.4
0147_02	50 ppm	Day : 20	20	242	0.7	6.9
0148_02	50 ppm	Day : 5	27	187	0.5	6.4
0148_02	50 ppm	Day : 20	21	276	0.6	6.5
0149_02	50 ppm	Day : 5	28	268	0.6	6.7
0149_02	50 ppm	Day : 20	22	259	0.7	6.7
0150_02	50 ppm	Day : 5	22	162	0.4	6.4
0150_02	50 ppm	Day : 20	23	193	0.5	6.8
0151_02	100 ppm	Day : 5	22	253	0.5	6.3
0151_02	100 ppm	Day : 20	24	204	0.6	6.6
0152_02	100 ppm	Day : 5	27	391	0.5	6.4
0152_02	100 ppm	Day : 20	26	166	0.6	6.8
0153_02	100 ppm	Day : 5	22	101	0.5	6.3
0153_02	100 ppm	Day : 20	24	196	0.5	7
0154_02	100 ppm	Day : 5	26	117	0.5	6.5
0154_02	100 ppm	Day : 20	25	119	0.6	6.8
0155_02	100 ppm	Day : 5	27	216	0.6	6.7
0155_02	100 ppm	Day : 20	22	129	0.5	6.9

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:39

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
0156_02	100 ppm	Day : 5	24	101	0.5	6.5
0156_02	100 ppm	Day : 20	23	155	0.6	7.1
0157_02	100 ppm	Day : 5	26	427	0.7	6.5
0157_02	100 ppm	Day : 20	22	96	0.6	7.6
0158_02	100 ppm	Day : 5	26	362	0.5	6.6
0158_02	100 ppm	Day : 20	25	179	0.6	7.2
0159_02	100 ppm	Day : 5	28	215	0.5	6.7
0159_02	100 ppm	Day : 20	22	241	0.6	7.1
0160_02	100 ppm	Day : 5	27	439	0.5	7
0160_02	100 ppm	Day : 20	26	189	0.7	7.4
0161_02	250 ppm	Day : 5	29	125	0.5	6.4
0161_02	250 ppm	Day : 20	25	193	0.6	7.2
0162_02	250 ppm	Day : 5	26	164	0.5	6.2
0162_02	250 ppm	Day : 20	26	202	0.7	7.3
0163_02	250 ppm	Day : 5	23	106	0.5	6
0163_02	250 ppm	Day : 20	25	310	0.6	7
0164_02	250 ppm	Day : 5	28	229	0.5	6.2
0164_02	250 ppm	Day : 20	24	119	0.6	6.8
0165_02	250 ppm	Day : 5	23	146	0.5	6.6
0165_02	250 ppm	Day : 20	24	213	0.6	7.3
0166_02	250 ppm	Day : 5	29	164	0.5	6.5
0166_02	250 ppm	Day : 20	24	171	0.5	7.1

Experiment Number: 55301-02

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 11:54:39

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
0167_02	250 ppm	Day : 5	22	183	0.5	6.4
0167_02	250 ppm	Day : 20	24	121	0.5	6.5
0168_02	250 ppm	Day : 5	23	206	0.4	6.6
0168_02	250 ppm	Day : 20	24	261	0.7	7.2
0169_02	250 ppm	Day : 5	28	275	0.5	6.8
0169_02	250 ppm	Day : 20	24	130	0.6	7
0170_02	250 ppm	Day : 5	28	234	0.5	6.8
0170_02	250 ppm	Day : 20	28	255	0.6	7.1
0171_02	500 ppm	Day : 5	22	156	0.5	6.5
0171_02	500 ppm	Day : 20	23	261	0.6	7
0172_02	500 ppm	Day : 5	27	1949*	0.6	6.5
0172_02	500 ppm	Day : 20	21	203	0.6	6.9
0173_02	500 ppm	Day : 5	21	224	0.5	6.2
0173_02	500 ppm	Day : 20	25	262	0.7	7.5
0174_02	500 ppm	Day : 5	22	246	0.5	6.5
0174_02	500 ppm	Day : 20	22	78	0.5	6.3
0175_02	500 ppm	Day : 5	27	469	0.5	6.5
0175_02	500 ppm	Day : 20	23	126	0.5	6.7
0176_02	500 ppm	Day : 5	26	252	0.5	6.7
0176_02	500 ppm	Day : 20	21	162	0.5	6.8
0177_02	500 ppm	Day : 5	20	237	0.5	6.4
0177_02	500 ppm	Day : 20	23	232	0.6	7.5

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:39

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
0178_02	500 ppm	Day : 5	25	105	0.5	6.3
0178_02	500 ppm	Day : 20	25	112	0.6	7.6
0179_02	500 ppm	Day : 5	24	277	0.5	6.3
0179_02	500 ppm	Day : 20	26	201	0.7	7
0180_02	500 ppm	Day : 5	27	227	0.5	6.1
0180_02	500 ppm	Day : 20	23	160	0.7	7.3
0181_02	1000 ppm	Day : 5	22	263	0.5	6.2
0181_02	1000 ppm	Day : 20	24	68	0.7	7.1
0182_02	1000 ppm	Day : 5	20	158	0.4	6.7
0182_02	1000 ppm	Day : 20	28	177	0.7	6.9
0183_02	1000 ppm	Day : 5	23	176	0.5	6.4
0184_02	1000 ppm	Day : 5	25	203	0.5	6.2
0184_02	1000 ppm	Day : 20	26	119	0.6	7.6
0185_02	1000 ppm	Day : 5	24	108	0.5	6.4
0185_02	1000 ppm	Day : 20	24	154	0.6	6.8
0186_02	1000 ppm	Day : 5	25	189	0.5	6.5
0186_02	1000 ppm	Day : 20	24	147	0.6	7.1
0187_02	1000 ppm	Day : 5	27	180	0.5	6.2
0187_02	1000 ppm	Day : 20	26	168	0.6	6.6
0188_02	1000 ppm	Day : 5	26	328	0.6	6.4
0188_02	1000 ppm	Day : 20	26	136	0.6	7.4
0189_02	1000 ppm	Day : 5	26	223	0.5	6

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:39

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
0189_02	1000 ppm	Day : 20	23	367	0.5	6.9
0190_02	1000 ppm	Day : 5	20	103	0.5	6.3
0190_02	1000 ppm	Day : 20	24	206	0.6	7.1

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:39

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0001_02	0 ppm	Day : 90	10
0002_02	0 ppm	Day : 90	17
0003_02	0 ppm	Day : 90	13
0004_02	0 ppm	Day : 90	12
0005_02	0 ppm	Day : 90	15
0006_02	0 ppm	Day : 90	13
0007_02	0 ppm	Day : 90	9
0008_02	0 ppm	Day : 90	9
0009_02	0 ppm	Day : 90	11
0010_02	0 ppm	Day : 90	7
0011_02	50 ppm	Day : 90	6
0012_02	50 ppm	Day : 90	15
0013_02	50 ppm	Day : 90	11
0014_02	50 ppm	Day : 90	10
0015_02	50 ppm	Day : 90	8
0016_02	50 ppm	Day : 90	8
0017_02	50 ppm	Day : 90	10
0018_02	50 ppm	Day : 90	17
0019_02	50 ppm	Day : 90	8
0020_02	50 ppm	Day : 90	20
0021_02	100 ppm	Day : 90	8
0022_02	100 ppm	Day : 90	7

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:39

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0023_02	100 ppm	Day : 90	7
0024_02	100 ppm	Day : 90	10
0025_02	100 ppm	Day : 90	9
0026_02	100 ppm	Day : 90	9
0027_02	100 ppm	Day : 90	10
0028_02	100 ppm	Day : 90	15
0029_02	100 ppm	Day : 90	14
0030_02	100 ppm	Day : 90	9
0031_02	250 ppm	Day : 90	5
0032_02	250 ppm	Day : 90	10
0033_02	250 ppm	Day : 90	7
0034_02	250 ppm	Day : 90	11
0035_02	250 ppm	Day : 90	11
0036_02	250 ppm	Day : 90	11
0037_02	250 ppm	Day : 90	10
0038_02	250 ppm	Day : 90	8
0039_02	250 ppm	Day : 90	9
0040_02	250 ppm	Day : 90	13
0041_02	500 ppm	Day : 90	12
0042_02	500 ppm	Day : 90	10
0043_02	500 ppm	Day : 90	12
0044_02	500 ppm	Day : 90	13

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:39

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0045_02	500 ppm	Day : 90	10
0046_02	500 ppm	Day : 90	16
0047_02	500 ppm	Day : 90	8
0048_02	500 ppm	Day : 90	9
0049_02	500 ppm	Day : 90	23
0050_02	500 ppm	Day : 90	11
0051_02	1000 ppm	Day : 90	10
0052_02	1000 ppm	Day : 90	300
0053_02	1000 ppm	Day : 90	12
0054_02	1000 ppm	Day : 90	600
0055_02	1000 ppm	Day : 90	2240
0056_02	1000 ppm	Day : 90	14
0057_02	1000 ppm	Day : 90	250
0058_02	1000 ppm	Day : 90	10
0059_02	1000 ppm	Day : 90	500
0060_02	1000 ppm	Day : 90	14
0131_02	0 ppm	Day : 5	7
0131_02	0 ppm	Day : 20	9
0132_02	0 ppm	Day : 5	8
0132_02	0 ppm	Day : 20	11
0133_02	0 ppm	Day : 5	7
0133_02	0 ppm	Day : 20	10

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:39

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0134_02	0 ppm	Day : 5	9
0134_02	0 ppm	Day : 20	9
0135_02	0 ppm	Day : 5	9
0135_02	0 ppm	Day : 20	9
0136_02	0 ppm	Day : 5	9
0136_02	0 ppm	Day : 20	9
0137_02	0 ppm	Day : 5	8
0137_02	0 ppm	Day : 20	10
0138_02	0 ppm	Day : 5	7
0138_02	0 ppm	Day : 20	10
0139_02	0 ppm	Day : 5	10
0139_02	0 ppm	Day : 20	12
0140_02	0 ppm	Day : 5	7
0140_02	0 ppm	Day : 20	12
0141_02	50 ppm	Day : 5	10
0141_02	50 ppm	Day : 20	7
0142_02	50 ppm	Day : 5	9
0142_02	50 ppm	Day : 20	8
0143_02	50 ppm	Day : 5	10
0143_02	50 ppm	Day : 20	9
0144_02	50 ppm	Day : 5	11
0144_02	50 ppm	Day : 20	8

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:39

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0145_02	50 ppm	Day : 5	9
0145_02	50 ppm	Day : 20	11
0146_02	50 ppm	Day : 5	8
0146_02	50 ppm	Day : 20	6
0147_02	50 ppm	Day : 5	8
0147_02	50 ppm	Day : 20	9
0148_02	50 ppm	Day : 5	8
0148_02	50 ppm	Day : 20	7
0149_02	50 ppm	Day : 5	9
0149_02	50 ppm	Day : 20	6
0150_02	50 ppm	Day : 5	9
0150_02	50 ppm	Day : 20	8
0151_02	100 ppm	Day : 5	10
0151_02	100 ppm	Day : 20	8
0152_02	100 ppm	Day : 5	9
0152_02	100 ppm	Day : 20	9
0153_02	100 ppm	Day : 5	16
0153_02	100 ppm	Day : 20	11
0154_02	100 ppm	Day : 5	12
0154_02	100 ppm	Day : 20	14
0155_02	100 ppm	Day : 5	7
0155_02	100 ppm	Day : 20	11

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:39

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0156_02	100 ppm	Day : 5	13
0156_02	100 ppm	Day : 20	8
0157_02	100 ppm	Day : 5	7
0157_02	100 ppm	Day : 20	11
0158_02	100 ppm	Day : 5	8
0158_02	100 ppm	Day : 20	7
0159_02	100 ppm	Day : 5	9
0159_02	100 ppm	Day : 20	10
0160_02	100 ppm	Day : 5	10
0160_02	100 ppm	Day : 20	9
0161_02	250 ppm	Day : 5	10
0161_02	250 ppm	Day : 20	10
0162_02	250 ppm	Day : 5	10
0162_02	250 ppm	Day : 20	12
0163_02	250 ppm	Day : 5	11
0163_02	250 ppm	Day : 20	11
0164_02	250 ppm	Day : 5	6
0164_02	250 ppm	Day : 20	11
0165_02	250 ppm	Day : 5	8
0165_02	250 ppm	Day : 20	8
0166_02	250 ppm	Day : 5	10
0166_02	250 ppm	Day : 20	7

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:39

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0167_02	250 ppm	Day : 5	9
0167_02	250 ppm	Day : 20	11
0168_02	250 ppm	Day : 5	7
0168_02	250 ppm	Day : 20	7
0169_02	250 ppm	Day : 5	9
0169_02	250 ppm	Day : 20	9
0170_02	250 ppm	Day : 5	7
0170_02	250 ppm	Day : 20	9
0171_02	500 ppm	Day : 5	11
0171_02	500 ppm	Day : 20	80
0172_02	500 ppm	Day : 5	15
0172_02	500 ppm	Day : 20	16
0173_02	500 ppm	Day : 5	180
0173_02	500 ppm	Day : 20	6
0174_02	500 ppm	Day : 5	17
0174_02	500 ppm	Day : 20	24
0175_02	500 ppm	Day : 5	8
0175_02	500 ppm	Day : 20	8
0176_02	500 ppm	Day : 5	9
0176_02	500 ppm	Day : 20	16
0177_02	500 ppm	Day : 5	8
0177_02	500 ppm	Day : 20	80

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:39

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0178_02	500 ppm	Day : 5	11
0178_02	500 ppm	Day : 20	120
0179_02	500 ppm	Day : 5	7
0179_02	500 ppm	Day : 20	20
0180_02	500 ppm	Day : 5	7
0180_02	500 ppm	Day : 20	16
0181_02	1000 ppm	Day : 5	10
0181_02	1000 ppm	Day : 20	13
0182_02	1000 ppm	Day : 5	10
0182_02	1000 ppm	Day : 20	10
0183_02	1000 ppm	Day : 5	11
0184_02	1000 ppm	Day : 5	11
0184_02	1000 ppm	Day : 20	14
0185_02	1000 ppm	Day : 5	12
0185_02	1000 ppm	Day : 20	11
0186_02	1000 ppm	Day : 5	11
0186_02	1000 ppm	Day : 20	60
0187_02	1000 ppm	Day : 5	11
0187_02	1000 ppm	Day : 20	13
0188_02	1000 ppm	Day : 5	10
0188_02	1000 ppm	Day : 20	60
0189_02	1000 ppm	Day : 5	9

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:39

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0189_02	1000 ppm	Day : 20	18
0190_02	1000 ppm	Day : 5	14
0190_02	1000 ppm	Day : 20	7

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:39

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
0066_02	0 ppm	Day : 90	4	216	36	45
0067_02	0 ppm	Day : 90	4	238	36	52
0068_02	0 ppm	Day : 90	4.5	201	38	17
0069_02	0 ppm	Day : 90	4.1	220	42	122
0070_02	0 ppm	Day : 90	3.5	189	35	62
0071_02	0 ppm	Day : 90	3.2	222	39	40
0072_02	0 ppm	Day : 90	4	184	39	62
0073_02	0 ppm	Day : 90	3.9	195	42	23
0074_02	0 ppm	Day : 90	4.3	222	41	27
0075_02	0 ppm	Day : 90	3.6	208	49	23
0076_02	50 ppm	Day : 90	3.9	192	33	45
0077_02	50 ppm	Day : 90	3.9	189	31	26
0078_02	50 ppm	Day : 90	3.9	197	28	16
0079_02	50 ppm	Day : 90	3.8	200	16	24
0080_02	50 ppm	Day : 90	4	176	33	58
0081_02	50 ppm	Day : 90	4.1	162	32	37
0082_02	50 ppm	Day : 90	3.8	198	35	52
0083_02	50 ppm	Day : 90	4	189	32	47
0084_02	50 ppm	Day : 90	3.7	210	34	28
0085_02	50 ppm	Day : 90	4.1	221	31	62
0086_02	100 ppm	Day : 90	4	168	28	37
0087_02	100 ppm	Day : 90	4	174	33	67

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
0088_02	100 ppm	Day : 90	3.4	177	32	27
0089_02	100 ppm	Day : 90	3.9	187	26	11
0090_02	100 ppm	Day : 90	3.6	184	32	48
0091_02	100 ppm	Day : 90	4.1	159	34	29
0092_02	100 ppm	Day : 90	4.3	166	45	62
0093_02	100 ppm	Day : 90	4.1	173	31	42
0094_02	100 ppm	Day : 90	4	199	31	19
0095_02	100 ppm	Day : 90	4.2	176	35	38
0096_02	250 ppm	Day : 90	4.2	205	30	39
0097_02	250 ppm	Day : 90	4.2	165	31	39
0098_02	250 ppm	Day : 90	3.4	156	35	50
0099_02	250 ppm	Day : 90	4.1	178	34	36
0100_02	250 ppm	Day : 90	4	160	34	46
0101_02	250 ppm	Day : 90	4	113	29	55
0102_02	250 ppm	Day : 90	3.9	157	28	25
0103_02	250 ppm	Day : 90	4.1	156	31	60
0104_02	250 ppm	Day : 90	3.9	157	27	24
0105_02	250 ppm	Day : 90	3.8	168	25	15
0106_02	500 ppm	Day : 90	3.9	183	31	105
0107_02	500 ppm	Day : 90	4	175	24	58
0108_02	500 ppm	Day : 90	4.2	167	36	84
0109_02	500 ppm	Day : 90	3.7	147	25	24

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
0109_02	500 ppm	Day : 90	3.7	147	25	24
0110_02	500 ppm	Day : 90	4.1	162	29	60
0111_02	500 ppm	Day : 90	3.9	175	29	24
0112_02	500 ppm	Day : 90	4	163	30	53
0113_02	500 ppm	Day : 90	4.1	189	36	51
0114_02	500 ppm	Day : 90	4.3	139	31	42
0115_02	500 ppm	Day : 90	4.1	179	31	44
0116_02	1000 ppm	Day : 90	4.2	189	98	126
0118_02	1000 ppm	Day : 90	3.8	269	63	125
0119_02	1000 ppm	Day : 90	4.1	190	32	49
0121_02	1000 ppm	Day : 90	3.4	283	210	66
0122_02	1000 ppm	Day : 90	3.7	229	620	210
0123_02	1000 ppm	Day : 90	4.3	138	36	41
0124_02	1000 ppm	Day : 90	4.2	171	39	52
0125_02	1000 ppm	Day : 90	3.9	204	30	29
0191_02	0 ppm	Day : 5	3.6	436	33	39
0191_02	0 ppm	Day : 20	3.5	403	32	33
0192_02	0 ppm	Day : 5	3.6	412	33	39
0192_02	0 ppm	Day : 20	3.4	375	32	35
0193_02	0 ppm	Day : 5	3.6	459	36	29
0193_02	0 ppm	Day : 20	3.6	373	38	28
0194_02	0 ppm	Day : 5	3.8	418	34	37

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:40

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_02	0 ppm	Day : 20	3.6	365	39	52
0195_02	0 ppm	Day : 5	3.8	427	34	15
0195_02	0 ppm	Day : 20	3.2	351	30	21
0196_02	0 ppm	Day : 5	3.5	428	38	53
0196_02	0 ppm	Day : 20	3.5	342	33	58
0197_02	0 ppm	Day : 5	3.7	387	32	24
0197_02	0 ppm	Day : 20	3.7	330	35	35
0198_02	0 ppm	Day : 5	3.7	418	38	37
0198_02	0 ppm	Day : 20	3.6	314	35	24
0199_02	0 ppm	Day : 5	3.9	380	38	27
0199_02	0 ppm	Day : 20	3.8	360	43	33
0200_02	0 ppm	Day : 5	3.5	423	40	23
0200_02	0 ppm	Day : 20	3.5	353	37	22
0201_02	50 ppm	Day : 5	3.4	381	35	57
0201_02	50 ppm	Day : 20	3.5	314	33	35
0202_02	50 ppm	Day : 5	3.8	368	31	12
0202_02	50 ppm	Day : 20	3.6	341	31	15
0203_02	50 ppm	Day : 5	3.8	409	36	22
0203_02	50 ppm	Day : 20	3.5	357	34	22
0204_02	50 ppm	Day : 5	3.5	435	37	52
0204_02	50 ppm	Day : 20	3.9	309	33	10
0205_02	50 ppm	Day : 5	3.4	357	33	30

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_02	50 ppm	Day : 5	3.4	357	33	30
0205_02	50 ppm	Day : 20	3.6	325	30	38
0206_02	50 ppm	Day : 5	4	408	38	25
0206_02	50 ppm	Day : 20	3.3	312	53	71
0207_02	50 ppm	Day : 5	4	339	29	9
0207_02	50 ppm	Day : 20	3.8	321	25	32
0208_02	50 ppm	Day : 5	4	390	32	21
0208_02	50 ppm	Day : 20	3.7	320	26	54
0209_02	50 ppm	Day : 5	3.7	334	38	17
0209_02	50 ppm	Day : 20	3.5	348	31	43
0210_02	50 ppm	Day : 5	3.8	327	34	38
0210_02	50 ppm	Day : 20	4	328	30	50
0211_02	100 ppm	Day : 5	3.9	354	31	18
0211_02	100 ppm	Day : 20	4	306	28	44
0212_02	100 ppm	Day : 5	4	376	34	20
0212_02	100 ppm	Day : 20	3.3	331	34	64
0213_02	100 ppm	Day : 5	4	393	37	16
0213_02	100 ppm	Day : 20	3.9	319	31	55
0214_02	100 ppm	Day : 5	3.9	359	29	12
0214_02	100 ppm	Day : 20	3.9	290	27	22
0215_02	100 ppm	Day : 5	4.1	346	34	16
0215_02	100 ppm	Day : 20	3.4	274	22	29

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_02	100 ppm	Day : 5	3.5	380	34	14
0216_02	100 ppm	Day : 20	3.8	320	31	13
0217_02	100 ppm	Day : 5	4	380	32	28
0217_02	100 ppm	Day : 20	3.6	340	32	54
0218_02	100 ppm	Day : 5	4.1	405	36	42
0218_02	100 ppm	Day : 20	4	341	36	30
0219_02	100 ppm	Day : 5	4.3	331	29	21
0219_02	100 ppm	Day : 20	3.5	333	27	71
0220_02	100 ppm	Day : 5	4.1	347	32	22
0220_02	100 ppm	Day : 20	3.4	299	29	29
0221_02	250 ppm	Day : 5	3.9	389	38	31
0221_02	250 ppm	Day : 20	3.5	274	22	47
0222_02	250 ppm	Day : 5	3.9	358	30	23
0222_02	250 ppm	Day : 20	3.7	298	29	12
0223_02	250 ppm	Day : 5	3.8	369	43	31
0223_02	250 ppm	Day : 20	3.9	296	33	19
0224_02	250 ppm	Day : 5	3.8	321	30	57
0224_02	250 ppm	Day : 20	4.1	273	31	99
0225_02	250 ppm	Day : 5	3.7	357	33	62
0225_02	250 ppm	Day : 20	4	301	34	65
0226_02	250 ppm	Day : 5	3.7	351	47	78
0226_02	250 ppm	Day : 20	3.8	281	28	41

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
0226_02	250 ppm	Day : 20	3.8	281	28	41
0227_02	250 ppm	Day : 5	3.8	361	34	52
0227_02	250 ppm	Day : 20	3.8	280	26	59
0228_02	250 ppm	Day : 5	3.6	405	32	30
0228_02	250 ppm	Day : 20	4	298	27	19
0229_02	250 ppm	Day : 5	3.4	385	32	42
0229_02	250 ppm	Day : 20	3.6	285	23	15
0230_02	250 ppm	Day : 5	3.6	381	33	24
0230_02	250 ppm	Day : 20	3.9	279	27	24
0231_02	500 ppm	Day : 5	4	397	31	21
0231_02	500 ppm	Day : 20	4.3	284	22	66
0232_02	500 ppm	Day : 5	3.8	375	40	20
0232_02	500 ppm	Day : 20	4.3	275	28	73
0233_02	500 ppm	Day : 5	4.1	410	70	59
0233_02	500 ppm	Day : 20	4.1	280	31	36
0234_02	500 ppm	Day : 5	3.9	368	31	16
0234_02	500 ppm	Day : 20	4.1	258	40	54
0235_02	500 ppm	Day : 5	4.2	368	31	13
0235_02	500 ppm	Day : 20	3.9	310	29	71
0236_02	500 ppm	Day : 5	3.8	414	50	37
0236_02	500 ppm	Day : 20	4.3	285	27	54
0237_02	500 ppm	Day : 5	3.9	465	35	17

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
0237_02	500 ppm	Day : 20	4	261	26	69
0238_02	500 ppm	Day : 5	3.8	406	78	125
0238_02	500 ppm	Day : 20	4	265	29	47
0239_02	500 ppm	Day : 5	4.1	431	39	19
0239_02	500 ppm	Day : 20	4	307	29	26
0240_02	500 ppm	Day : 5	3.8	413	46	66
0240_02	500 ppm	Day : 20	4	302	26	54
0241_02	1000 ppm	Day : 5	3.8	348	2880	274
0241_02	1000 ppm	Day : 20	3.7	323	99	63
0242_02	1000 ppm	Day : 5	4	415	37	52
0242_02	1000 ppm	Day : 20	4	264	63	99
0243_02	1000 ppm	Day : 5	3.9	431	1150	150
0243_02	1000 ppm	Day : 20	4.4	246	61	41
0244_02	1000 ppm	Day : 5	3.9	450	39	30
0244_02	1000 ppm	Day : 20	4	245	221	112
0245_02	1000 ppm	Day : 5	3.7	356	39	45
0245_02	1000 ppm	Day : 20	4.1	253	59	60
0246_02	1000 ppm	Day : 5	3.6	406	35	36
0246_02	1000 ppm	Day : 20	4.3	344	11480	1220
0247_02	1000 ppm	Day : 5	3.7	395	32	36
0247_02	1000 ppm	Day : 20	3.9	368	141	169
0248_02	1000 ppm	Day : 5	4.1	403	34	30

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:40

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
0248_02	1000 ppm	Day : 5	4.1	403	34	30
0248_02	1000 ppm	Day : 20	3.8	354	560	164
0249_02	1000 ppm	Day : 5	3.6	457	38	26
0249_02	1000 ppm	Day : 20	4.1	395	30	27
0250_02	1000 ppm	Day : 5	3.8	438	40	13
0250_02	1000 ppm	Day : 20	4.1	350	237	65

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:40

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
0066_02	0 ppm	Day : 90	22	223	0.6	6.7
0067_02	0 ppm	Day : 90	22	57	0.6	6.8
0068_02	0 ppm	Day : 90	19	121	0.6	7
0069_02	0 ppm	Day : 90	18	194	0.7	6.7
0070_02	0 ppm	Day : 90	21	250	0.7	6.3
0071_02	0 ppm	Day : 90	20	254	0.5	6.2
0072_02	0 ppm	Day : 90	21	111	0.6	6.9
0073_02	0 ppm	Day : 90	18	233	0.6	6.8
0074_02	0 ppm	Day : 90	27	153	0.7	7.5
0075_02	0 ppm	Day : 90	22	95	0.6	6.7
0076_02	50 ppm	Day : 90	17	81	0.6	6.2
0077_02	50 ppm	Day : 90	21	157	0.7	6.8
0078_02	50 ppm	Day : 90	20	64	0.6	7.1
0079_02	50 ppm	Day : 90	17	167	0.6	6.8
0080_02	50 ppm	Day : 90	21	90	0.6	6.6
0081_02	50 ppm	Day : 90	22	159	0.5	7
0082_02	50 ppm	Day : 90	18	74	0.6	6.5
0083_02	50 ppm	Day : 90	20	84	0.6	6.2
0084_02	50 ppm	Day : 90	25	242	0.6	6.3
0085_02	50 ppm	Day : 90	23	71	0.6	6.7
0086_02	100 ppm	Day : 90	19	168	0.5	6.7
0087_02	100 ppm	Day : 90	20	153	0.6	6.9

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:40

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
0088_02	100 ppm	Day : 90	17	102	0.5	6.3
0089_02	100 ppm	Day : 90	22	97	0.6	6.6
0090_02	100 ppm	Day : 90	24	77	0.7	6.5
0091_02	100 ppm	Day : 90	16	122	0.6	6.3
0092_02	100 ppm	Day : 90	25	445	0.7	7.1
0093_02	100 ppm	Day : 90	20	109	0.6	6.8
0094_02	100 ppm	Day : 90	25	183	0.7	7
0095_02	100 ppm	Day : 90	27	410	0.8	7.2
0096_02	250 ppm	Day : 90	21	297	0.7	7.1
0097_02	250 ppm	Day : 90	18	487	0.7	7.1
0098_02	250 ppm	Day : 90	16	131	0.6	6.7
0099_02	250 ppm	Day : 90	18	122	0.5	6.6
0100_02	250 ppm	Day : 90	17	333	0.6	6.6
0101_02	250 ppm	Day : 90	18	189	0.6	6.2
0102_02	250 ppm	Day : 90	21	75	0.6	7.1
0103_02	250 ppm	Day : 90	20	152	0.7	6.6
0104_02	250 ppm	Day : 90	19	116	0.6	7.1
0105_02	250 ppm	Day : 90	15	201	0.5	6.9
0106_02	500 ppm	Day : 90	20	74	0.7	7.2
0107_02	500 ppm	Day : 90	18	140	0.6	7
0108_02	500 ppm	Day : 90	24	253	0.7	7.5
0109_02	500 ppm	Day : 90	18	123	0.5	6.6

Experiment Number: 55301-02

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 11:54:40

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
0110_02	500 ppm	Day : 90	22	157	0.6	6.6
0111_02	500 ppm	Day : 90	16	103	0.6	6.5
0112_02	500 ppm	Day : 90	20	128	0.5	6.7
0113_02	500 ppm	Day : 90	21	134	0.5	7.1
0114_02	500 ppm	Day : 90	20	251	0.6	7.6
0115_02	500 ppm	Day : 90	19	231	0.7	6.9
0116_02	1000 ppm	Day : 90	24	178	0.7	6.9
0118_02	1000 ppm	Day : 90	23	152	0.5	6.3
0119_02	1000 ppm	Day : 90	21	137	0.5	6.5
0121_02	1000 ppm	Day : 90	27	685	0.9	6.7
0122_02	1000 ppm	Day : 90	19	171	0.6	6.1
0123_02	1000 ppm	Day : 90	30	99	0.7	7.3
0124_02	1000 ppm	Day : 90	23	135	0.5	7
0125_02	1000 ppm	Day : 90	20	363	0.5	6.4
0191_02	0 ppm	Day : 5	16	188	0.5	5.8
0191_02	0 ppm	Day : 20	22	146	0.6	6.3
0192_02	0 ppm	Day : 5	24	163	0.5	5.8
0192_02	0 ppm	Day : 20	26	127	0.5	6.2
0193_02	0 ppm	Day : 5	23	125	0.5	6.1
0193_02	0 ppm	Day : 20	21	312	0.5	6.1
0194_02	0 ppm	Day : 5	24	138	0.5	6.1
0194_02	0 ppm	Day : 20	24	213	0.5	6.2

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:40

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_02	0 ppm	Day : 5	21	378	0.7	6
0195_02	0 ppm	Day : 20	20	102	0.6	6
0196_02	0 ppm	Day : 5	18	197	0.5	5.6
0196_02	0 ppm	Day : 20	23	876	0.6	6.5
0197_02	0 ppm	Day : 5	16	327	0.6	6
0197_02	0 ppm	Day : 20	18	110	0.6	6.7
0198_02	0 ppm	Day : 5	22	122	0.6	6.3
0198_02	0 ppm	Day : 20	21	123	0.5	6.5
0199_02	0 ppm	Day : 5	23	191	0.5	6
0199_02	0 ppm	Day : 20	20	355	0.7	7
0200_02	0 ppm	Day : 5	22	125	0.6	6.1
0200_02	0 ppm	Day : 20	20	296	0.7	6.6
0201_02	50 ppm	Day : 5	20	181	0.6	6
0201_02	50 ppm	Day : 20	19	149	0.5	6.3
0202_02	50 ppm	Day : 5	21	209	0.6	6.4
0202_02	50 ppm	Day : 20	21	137	0.6	7.1
0203_02	50 ppm	Day : 5	17	130	0.5	6.1
0203_02	50 ppm	Day : 20	21	159	0.5	6.6
0204_02	50 ppm	Day : 5	18	176	0.7	6
0204_02	50 ppm	Day : 20	19	74	0.5	6.5
0205_02	50 ppm	Day : 5	18	186	0.5	5.9
0205_02	50 ppm	Day : 20	21	527	0.7	6.6

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:40

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_02	50 ppm	Day : 5	38	595	0.6	6.7
0206_02	50 ppm	Day : 20	32	535	0.7	6.3
0207_02	50 ppm	Day : 5	16	118	0.5	6.1
0207_02	50 ppm	Day : 20	18	77	0.6	6.4
0208_02	50 ppm	Day : 5	21	271	0.5	6.4
0208_02	50 ppm	Day : 20	22	148	0.6	6.5
0209_02	50 ppm	Day : 5	22	217	0.4	6.3
0209_02	50 ppm	Day : 20	23	218	0.4	6.5
0210_02	50 ppm	Day : 5	21	214	0.6	6.3
0210_02	50 ppm	Day : 20	24	196	0.5	6.7
0211_02	100 ppm	Day : 5	20	310	0.5	6.5
0211_02	100 ppm	Day : 20	21	124	0.7	6.6
0212_02	100 ppm	Day : 5	20	173	0.5	6.8
0212_02	100 ppm	Day : 20	21	450	0.6	6.2
0213_02	100 ppm	Day : 5	25	269	0.5	6.8
0213_02	100 ppm	Day : 20	18	132	0.6	6.5
0214_02	100 ppm	Day : 5	22	336	0.5	6.7
0214_02	100 ppm	Day : 20	23	81	0.6	6.5
0215_02	100 ppm	Day : 5	23	187	0.5	6.8
0215_02	100 ppm	Day : 20	18	91	0.6	6.3
0216_02	100 ppm	Day : 5	22	125	0.5	6.4
0216_02	100 ppm	Day : 20	19	119	0.5	6.3

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:41

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_02	100 ppm	Day : 5	17	296	0.5	6.6
0217_02	100 ppm	Day : 20	27	393	0.6	6.7
0218_02	100 ppm	Day : 5	22	294	0.6	6.7
0218_02	100 ppm	Day : 20	22	93	0.6	6.7
0219_02	100 ppm	Day : 5	17	271	0.5	6.6
0219_02	100 ppm	Day : 20	27	367	0.7	6.5
0220_02	100 ppm	Day : 5	18	312	0.5	6.8
0220_02	100 ppm	Day : 20	25	234	0.6	6.5
0221_02	250 ppm	Day : 5	22	172	0.5	6.7
0221_02	250 ppm	Day : 20	22	186	0.5	6.5
0222_02	250 ppm	Day : 5	21	274	0.5	6.1
0222_02	250 ppm	Day : 20	20	65	0.6	6.8
0223_02	250 ppm	Day : 5	25	181	0.4	6.7
0223_02	250 ppm	Day : 20	22	97	0.4	6.5
0224_02	250 ppm	Day : 5	25	201	0.5	6.4
0224_02	250 ppm	Day : 20	24	239	0.7	7
0225_02	250 ppm	Day : 5	20	1262*	0.6	6.3
0225_02	250 ppm	Day : 20	24	168	0.6	7.1
0226_02	250 ppm	Day : 5	18	191	0.6	5.9
0226_02	250 ppm	Day : 20	20	107	0.6	7
0227_02	250 ppm	Day : 5	20	167	0.5	5.8
0227_02	250 ppm	Day : 20	24	93	0.5	6.7

Experiment Number: 55301-02

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 11:54:41

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_02	250 ppm	Day : 5	20	210	0.7	6.2
0228_02	250 ppm	Day : 20	23	150	0.5	7
0229_02	250 ppm	Day : 5	17	338	0.5	5.7
0229_02	250 ppm	Day : 20	26	165	0.6	6.5
0230_02	250 ppm	Day : 5	15	130	0.4	5.8
0230_02	250 ppm	Day : 20	21	484	0.6	6.4
0231_02	500 ppm	Day : 5	25	349	0.6	7
0231_02	500 ppm	Day : 20	21	152	0.6	7.2
0232_02	500 ppm	Day : 5	20	461	0.6	6.4
0232_02	500 ppm	Day : 20	20	145	0.6	7.5
0233_02	500 ppm	Day : 5	24	275	0.6	6.3
0233_02	500 ppm	Day : 20	23	105	0.5	6.6
0234_02	500 ppm	Day : 5	24	170	0.5	6.5
0234_02	500 ppm	Day : 20	21	115	0.6	7.1
0235_02	500 ppm	Day : 5	22	310	0.6	6.6
0235_02	500 ppm	Day : 20	22	174	0.6	6.9
0236_02	500 ppm	Day : 5	24	198	0.6	6.6
0236_02	500 ppm	Day : 20	23	128	0.6	6.8
0237_02	500 ppm	Day : 5	24	312	0.6	6.3
0237_02	500 ppm	Day : 20	21	103	0.5	6.4
0238_02	500 ppm	Day : 5	23	272	0.5	6.3
0238_02	500 ppm	Day : 20	20	159	0.6	6.7

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:41

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
0239_02	500 ppm	Day : 5	22	385	0.6	6.4
0239_02	500 ppm	Day : 20	26	180	0.6	6.7
0240_02	500 ppm	Day : 5	32	268	0.6	6.6
0240_02	500 ppm	Day : 20	23	165	0.5	7
0241_02	1000 ppm	Day : 5	25	597	0.7	6
0241_02	1000 ppm	Day : 20	26	240	0.6	6.3
0242_02	1000 ppm	Day : 5	23	179	0.6	6.2
0242_02	1000 ppm	Day : 20	27	147	0.7	6.8
0243_02	1000 ppm	Day : 5	27	355	0.6	6
0243_02	1000 ppm	Day : 20	27	85	0.5	6.8
0244_02	1000 ppm	Day : 5	22	208	0.6	6.2
0244_02	1000 ppm	Day : 20	29	182	0.6	6.9
0245_02	1000 ppm	Day : 5	25	268	0.6	6.3
0245_02	1000 ppm	Day : 20	29	103	0.6	6.9
0246_02	1000 ppm	Day : 5	21	300	0.5	5.6
0246_02	1000 ppm	Day : 20	34	972*		7.1
0247_02	1000 ppm	Day : 5	19	189	0.5	5.9
0247_02	1000 ppm	Day : 20	22	139	0.6	6.3
0248_02	1000 ppm	Day : 5	22	200	0.5	6
0248_02	1000 ppm	Day : 20	20	133	0.6	6.5
0249_02	1000 ppm	Day : 5	22	252	0.5	6.1
0249_02	1000 ppm	Day : 20	24	136	0.6	7.4

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:41

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
0250_02	1000 ppm	Day : 5	23	334	0.5	6.1
0250_02	1000 ppm	Day : 20	21	127	0.5	6.8

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:41

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0066_02	0 ppm	Day : 90	8
0067_02	0 ppm	Day : 90	10
0068_02	0 ppm	Day : 90	7
0069_02	0 ppm	Day : 90	9
0070_02	0 ppm	Day : 90	8
0071_02	0 ppm	Day : 90	8
0072_02	0 ppm	Day : 90	9
0073_02	0 ppm	Day : 90	8
0074_02	0 ppm	Day : 90	7
0075_02	0 ppm	Day : 90	9
0076_02	50 ppm	Day : 90	10
0077_02	50 ppm	Day : 90	9
0078_02	50 ppm	Day : 90	9
0079_02	50 ppm	Day : 90	10
0080_02	50 ppm	Day : 90	9
0081_02	50 ppm	Day : 90	7
0082_02	50 ppm	Day : 90	10
0083_02	50 ppm	Day : 90	7
0084_02	50 ppm	Day : 90	7
0085_02	50 ppm	Day : 90	11
0086_02	100 ppm	Day : 90	6
0087_02	100 ppm	Day : 90	8

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:41

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0088_02	100 ppm	Day : 90	8
0089_02	100 ppm	Day : 90	7
0090_02	100 ppm	Day : 90	11
0091_02	100 ppm	Day : 90	9
0092_02	100 ppm	Day : 90	10
0093_02	100 ppm	Day : 90	9
0094_02	100 ppm	Day : 90	9
0095_02	100 ppm	Day : 90	5
0096_02	250 ppm	Day : 90	7
0097_02	250 ppm	Day : 90	7
0098_02	250 ppm	Day : 90	14
0099_02	250 ppm	Day : 90	12
0100_02	250 ppm	Day : 90	8
0101_02	250 ppm	Day : 90	8
0102_02	250 ppm	Day : 90	9
0103_02	250 ppm	Day : 90	8
0104_02	250 ppm	Day : 90	7
0105_02	250 ppm	Day : 90	8
0106_02	500 ppm	Day : 90	10
0107_02	500 ppm	Day : 90	7
0108_02	500 ppm	Day : 90	7
0109_02	500 ppm	Day : 90	9

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:41

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0110_02	500 ppm	Day : 90	9
0111_02	500 ppm	Day : 90	13
0112_02	500 ppm	Day : 90	9
0113_02	500 ppm	Day : 90	15
0114_02	500 ppm	Day : 90	8
0115_02	500 ppm	Day : 90	9
0116_02	1000 ppm	Day : 90	220
0118_02	1000 ppm	Day : 90	90
0119_02	1000 ppm	Day : 90	21
0121_02	1000 ppm	Day : 90	220
0122_02	1000 ppm	Day : 90	1700
0123_02	1000 ppm	Day : 90	13
0124_02	1000 ppm	Day : 90	40
0125_02	1000 ppm	Day : 90	9
0191_02	0 ppm	Day : 5	6
0191_02	0 ppm	Day : 20	8
0192_02	0 ppm	Day : 5	9
0192_02	0 ppm	Day : 20	10
0193_02	0 ppm	Day : 5	11
0193_02	0 ppm	Day : 20	6
0194_02	0 ppm	Day : 5	10
0194_02	0 ppm	Day : 20	8

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:41

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0195_02	0 ppm	Day : 5	7
0195_02	0 ppm	Day : 20	11
0196_02	0 ppm	Day : 5	6
0196_02	0 ppm	Day : 20	10
0197_02	0 ppm	Day : 5	5
0197_02	0 ppm	Day : 20	9
0198_02	0 ppm	Day : 5	10
0198_02	0 ppm	Day : 20	9
0199_02	0 ppm	Day : 5	8
0199_02	0 ppm	Day : 20	6
0200_02	0 ppm	Day : 5	10
0200_02	0 ppm	Day : 20	7
0201_02	50 ppm	Day : 5	7
0201_02	50 ppm	Day : 20	9
0202_02	50 ppm	Day : 5	7
0202_02	50 ppm	Day : 20	12
0203_02	50 ppm	Day : 5	8
0203_02	50 ppm	Day : 20	7
0204_02	50 ppm	Day : 5	7
0204_02	50 ppm	Day : 20	12
0205_02	50 ppm	Day : 5	8
0205_02	50 ppm	Day : 20	6

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:41

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0206_02	50 ppm	Day : 5	6
0206_02	50 ppm	Day : 20	14
0207_02	50 ppm	Day : 5	7
0207_02	50 ppm	Day : 20	9
0208_02	50 ppm	Day : 5	6
0208_02	50 ppm	Day : 20	8
0209_02	50 ppm	Day : 5	7
0209_02	50 ppm	Day : 20	7
0210_02	50 ppm	Day : 5	5
0210_02	50 ppm	Day : 20	7
0211_02	100 ppm	Day : 5	5
0211_02	100 ppm	Day : 20	10
0212_02	100 ppm	Day : 5	7
0212_02	100 ppm	Day : 20	8
0213_02	100 ppm	Day : 5	6
0213_02	100 ppm	Day : 20	11
0214_02	100 ppm	Day : 5	6
0214_02	100 ppm	Day : 20	11
0215_02	100 ppm	Day : 5	6
0215_02	100 ppm	Day : 20	10
0216_02	100 ppm	Day : 5	11
0216_02	100 ppm	Day : 20	10

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:41

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0217_02	100 ppm	Day : 5	5
0217_02	100 ppm	Day : 20	10
0218_02	100 ppm	Day : 5	6
0218_02	100 ppm	Day : 20	10
0219_02	100 ppm	Day : 5	5
0219_02	100 ppm	Day : 20	8
0220_02	100 ppm	Day : 5	7
0220_02	100 ppm	Day : 20	7
0221_02	250 ppm	Day : 5	9
0221_02	250 ppm	Day : 20	10
0222_02	250 ppm	Day : 5	6
0222_02	250 ppm	Day : 20	10
0223_02	250 ppm	Day : 5	8
0223_02	250 ppm	Day : 20	11
0224_02	250 ppm	Day : 5	6
0224_02	250 ppm	Day : 20	11
0225_02	250 ppm	Day : 5	5
0225_02	250 ppm	Day : 20	8
0226_02	250 ppm	Day : 5	9
0226_02	250 ppm	Day : 20	8
0227_02	250 ppm	Day : 5	7
0227_02	250 ppm	Day : 20	10

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:41

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0228_02	250 ppm	Day : 5	7
0228_02	250 ppm	Day : 20	10
0229_02	250 ppm	Day : 5	5
0229_02	250 ppm	Day : 20	10
0230_02	250 ppm	Day : 5	6
0230_02	250 ppm	Day : 20	7
0231_02	500 ppm	Day : 5	6
0231_02	500 ppm	Day : 20	10
0232_02	500 ppm	Day : 5	4
0232_02	500 ppm	Day : 20	7
0233_02	500 ppm	Day : 5	150
0233_02	500 ppm	Day : 20	10
0234_02	500 ppm	Day : 5	6
0234_02	500 ppm	Day : 20	70
0235_02	500 ppm	Day : 5	5
0235_02	500 ppm	Day : 20	10
0236_02	500 ppm	Day : 5	14
0236_02	500 ppm	Day : 20	11
0237_02	500 ppm	Day : 5	5
0237_02	500 ppm	Day : 20	12
0238_02	500 ppm	Day : 5	170
0238_02	500 ppm	Day : 20	14

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:41

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0239_02	500 ppm	Day : 5	6
0239_02	500 ppm	Day : 20	11
0240_02	500 ppm	Day : 5	20
0240_02	500 ppm	Day : 20	10
0241_02	1000 ppm	Day : 5	920
0241_02	1000 ppm	Day : 20	210
0242_02	1000 ppm	Day : 5	7
0242_02	1000 ppm	Day : 20	140
0243_02	1000 ppm	Day : 5	120
0243_02	1000 ppm	Day : 20	100
0244_02	1000 ppm	Day : 5	8
0244_02	1000 ppm	Day : 20	560
0245_02	1000 ppm	Day : 5	7
0245_02	1000 ppm	Day : 20	111
0246_02	1000 ppm	Day : 5	7
0246_02	1000 ppm	Day : 20	
0247_02	1000 ppm	Day : 5	10
0247_02	1000 ppm	Day : 20	380
0248_02	1000 ppm	Day : 5	8
0248_02	1000 ppm	Day : 20	1600
0249_02	1000 ppm	Day : 5	10
0249_02	1000 ppm	Day : 20	8

Experiment Number: 55301-02

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:54:41

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0250_02	1000 ppm	Day : 5	8
0250_02	1000 ppm	Day : 20	340

** END OF REPORT **