

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:40

First Dose M/F: NA / NA

Lab: NA

C Number: C99007B

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:40

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 : 94	4.2	174	121	40.1
0002_03	0 ppm	Day : 94	4.5	261	140	18.3
0003_03	0 ppm	Day : 94	4.5	232	125	25.8
0004_03	0 ppm	Day : 94	4.6	227	101	16.5
0005_03	0 ppm	Day : 94	4.5	207	131	26.1
0006_03	0 ppm	Day : 94	4.5	173	175	44.8
0007_03	0 ppm	Day : 94	4.7	168	195	53.5
0008_03	0 ppm	Day : 94	4.7	195	331	62.7
0009_03	0 ppm	Day : 94	4.6	193	695	74.5
0010_03	0 ppm	Day : 94	4.7	173	279	53.5
0011_03	3125 ppm	Day : 94	4.4	199	62	13.9
0012_03	3125 ppm	Day : 94	4.5	190	101	18.3
0013_03	6250 ppm	Day : 94	4.4	178	69	30.8
0014_03	6250 ppm	Day : 94	4.6	219	60	22.7
0015_03	6250 ppm	Day : 94	4.5	191	60	15.5
0016_03	6250 ppm	Day : 94	4.4	180	67	17.5
0017_03	6250 ppm	Day : 94	4.6	202	84	16.8
0018_03	6250 ppm	Day : 94	4.4	194	83	25.5
0019_03	6250 ppm	Day : 94	4.6	182	65	18.7
0020_03	6250 ppm	Day : 94	4.4	179	60	35.9
0021_03	6250 ppm	Day : 94	4.4	183	53	20.7
0022_03	6250 ppm	Day : 94	4.5	173	56	16.0

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0023_03	6250 ppm	Day : 94	4.4	159	67	37.0
0024_03	6250 ppm	Day : 94	4.5	218	64	31.0
0025_03	6250 ppm	Day : 94	4.4	191	57	16.7
0026_03	6250 ppm	Day : 94	4.5	184	58	18.5
0027_03	6250 ppm	Day : 94	4.5	186	47	15.9
0028_03	6250 ppm	Day : 94	4.7	195	58	20.1
0029_03	6250 ppm	Day : 94	4.5	183	55	19.6
0030_03	6250 ppm	Day : 94	4.4	195	56	23.4
0031_03	12500 ppm	Day : 94	4.5	200	55	18.6
0032_03	12500 ppm	Day : 94	4.5	191	49	23.3
0033_03	12500 ppm	Day : 94	4.7	188	58	21.0
0034_03	12500 ppm	Day : 94	4.7	180	55	24.1
0035_03	12500 ppm	Day : 94	4.7	189	53	18.0
0036_03	12500 ppm	Day : 94	4.6	171	46	31.7
0037_03	12500 ppm	Day : 94	4.6	184	42	16.0
0038_03	12500 ppm	Day : 94	4.7	186	49	25.6
0039_03	12500 ppm	Day : 94	4.5	175	45	18.1
0040_03	12500 ppm	Day : 94	4.6	172	47	20.7
0041_03	25000 ppm	Day : 94	4.6	183	39	24.1
0042_03	25000 ppm	Day : 94	4.9	207	51	30.6
0043_03	25000 ppm	Day : 94	4.7	178	43	25.1
0044_03	25000 ppm	Day : 94	4.8	173	46	23.2

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Species/Strain: Rat/Fischer 344

Time Report Requested: 13:44:40

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_03	25000 ppm	Day : 94	4.8	173	46	23.2
0045_03	25000 ppm	Day : 94	4.7	185	47	23.6
0046_03	25000 ppm	Day : 94	4.6	169	51	30.4
0047_03	25000 ppm	Day : 94	4.6	164	53	51.5
0048_03	25000 ppm	Day : 94	4.9	179	56	31.1
0049_03	25000 ppm	Day : 94	4.8	190	54	24.7
0050_03	25000 ppm	Day : 94	4.6	200	58	27.1
0051_03	50000 ppm	Day : 94	5.0	172	41	42.9
0052_03	50000 ppm	Day : 94	5.0	174	39	21.9
0053_03	50000 ppm	Day : 94	5.2	181	40	33.8
0054_03	50000 ppm	Day : 94	4.9	185	42	33.9
0055_03	50000 ppm	Day : 94	5.1	177	38	31.1
0056_03	50000 ppm	Day : 94	4.8	162	39	27.8
0057_03	50000 ppm	Day : 94	5.0	174	47	34.3
0058_03	50000 ppm	Day : 94	4.7	177	38	37.6
0059_03	50000 ppm	Day : 94	5.0	200	42	33.2
0060_03	50000 ppm	Day : 94	4.8	175	49	33.8
0121_03	0 ppm	Day : 5	3.6	704	63	51.6
0121_03	0 ppm	Day : 23	4.2	448	46	20.6
0122_03	0 ppm	Day : 5	3.8	675	54	29.7
0122_03	0 ppm	Day : 23	4.2	381	43	29.5
0123_03	0 ppm	Day : 5	3.9	687	54	43.2

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0123_03	0 ppm	Day : 23	4.2	450	42	33.1
0124_03	0 ppm	Day : 5	4.0	659	61	36.0
0124_03	0 ppm	Day : 23	4.4	433	52	28.1
0125_03	0 ppm	Day : 5	4.0	756	47	37.3
0125_03	0 ppm	Day : 23	4.2	472	47	26.0
0126_03	0 ppm	Day : 5	3.9	589	55	41.9
0126_03	0 ppm	Day : 23	4.1	372	48	31.1
0127_03	0 ppm	Day : 5	4.0	849	71	50.3
0127_03	0 ppm	Day : 23	4.3	435	51	30.8
0128_03	0 ppm	Day : 5	3.6	699	61	45.3
0128_03	0 ppm	Day : 23	4.6	542	49	27.8
0129_03	0 ppm	Day : 5	3.6	609	34	48.6
0129_03	0 ppm	Day : 23	4.3	442	47	33.3
0130_03	0 ppm	Day : 5	3.8	554	49	44.0
0130_03	0 ppm	Day : 23	4.4	447	42	19.3
0131_03	6250 ppm	Day : 5	3.6	693	49	40.2
0131_03	6250 ppm	Day : 23	4.1	385	41	31.1
0132_03	6250 ppm	Day : 5	3.7	717	58	43.6
0132_03	6250 ppm	Day : 23	4.3	437	33	34.2
0133_03	6250 ppm	Day : 5	3.7	685	48	43.8
0133_03	6250 ppm	Day : 23	4.2	427	49	27.9
0134_03	6250 ppm	Day : 5	4.0	674	55	33.2

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0134_03	6250 ppm	Day : 5	4.0	674	55	33.2
0134_03	6250 ppm	Day : 23	4.2	453	44	25.7
0135_03	6250 ppm	Day : 5	3.7	622	57	35.6
0135_03	6250 ppm	Day : 23	4.3	417	48	33.4
0136_03	6250 ppm	Day : 5	3.7	600	48	48.9
0136_03	6250 ppm	Day : 23	4.1	418	51	27.2
0137_03	6250 ppm	Day : 5	3.7	657	58	42.7
0137_03	6250 ppm	Day : 23	4.2	417	41	26.1
0138_03	6250 ppm	Day : 5	3.8	621	41	41.4
0138_03	6250 ppm	Day : 23	4.3	364	41	24.7
0139_03	6250 ppm	Day : 5	3.8	587	QNS	QNS
0139_03	6250 ppm	Day : 23	4.3	376	33	20.9
0140_03	6250 ppm	Day : 5	3.6	666	47	52.5
0140_03	6250 ppm	Day : 23	4.1	402	46	31.9
0141_03	6250 ppm	Day : 5	3.7	734	56	34.2
0141_03	6250 ppm	Day : 23	4.3	454	37	30.1
0142_03	6250 ppm	Day : 5	3.9	718	58	40.6
0142_03	6250 ppm	Day : 23	4.3	440	36	31.4
0143_03	6250 ppm	Day : 5	3.7	657	55	44.2
0143_03	6250 ppm	Day : 23	4.3	444	40	39.3
0144_03	6250 ppm	Day : 5	3.6	645	54	32.7
0144_03	6250 ppm	Day : 23	4.5	447	46	33.0

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	6250 ppm	Day : 5	3.8	721	54	49.6
0145_03	6250 ppm	Day : 23	4.3	438	39	23.0
0146_03	6250 ppm	Day : 5	3.9	600	34	46.6
0146_03	6250 ppm	Day : 23	4.2	403	48	32.4
0147_03	6250 ppm	Day : 5	3.9	683	58	54.7
0147_03	6250 ppm	Day : 23	DEAD	DEAD	DEAD	DEAD
0148_03	6250 ppm	Day : 5	3.7	635	36	44.4
0148_03	6250 ppm	Day : 23	4.3	391	47	29.8
0149_03	6250 ppm	Day : 5	3.7	562	QNS	QNS
0149_03	6250 ppm	Day : 23	4.3	462	47	29.3
0150_03	6250 ppm	Day : 5	3.7	655	36	30.4
0150_03	6250 ppm	Day : 23	4.5	435	47	30.2
0151_03	12500 ppm	Day : 5	3.9	651	62	28.8
0151_03	12500 ppm	Day : 23	4.2	402	44	41.3
0152_03	12500 ppm	Day : 5	3.8	668	39	31.3
0152_03	12500 ppm	Day : 23	4.2	366	34	25.2
0153_03	12500 ppm	Day : 5	3.6	726	50	40.3
0153_03	12500 ppm	Day : 23	4.3	424	42	26.8
0154_03	12500 ppm	Day : 5	3.9	693	45	36.2
0154_03	12500 ppm	Day : 23	4.2	402	43	26.3
0155_03	12500 ppm	Day : 5	3.8	649	49	39.6
0155_03	12500 ppm	Day : 23	4.6	416	46	29.2

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0155_03	12500 ppm	Day : 23	4.6	416	46	29.2
0156_03	12500 ppm	Day : 5	3.8	704	63	42.8
0156_03	12500 ppm	Day : 23	4.4	287	44	30.9
0157_03	12500 ppm	Day : 5	4.0	705	48	45.6
0157_03	12500 ppm	Day : 23	4.5	301	50	26.7
0158_03	12500 ppm	Day : 5	3.7	667	32	39.8
0158_03	12500 ppm	Day : 23	4.5	285	39	21.0
0159_03	12500 ppm	Day : 5	3.8	614	46	39.5
0159_03	12500 ppm	Day : 23	4.5	291	51	24.6
0160_03	12500 ppm	Day : 5	3.6	642	46	41.0
0160_03	12500 ppm	Day : 23	4.3	286	42	20.6
0161_03	25000 ppm	Day : 5	3.7	696	50	42.8
0161_03	25000 ppm	Day : 23	4.5	248	40	24.7
0162_03	25000 ppm	Day : 5	3.9	684	58	47.2
0162_03	25000 ppm	Day : 23	5.0	260	55	25.7
0163_03	25000 ppm	Day : 5	3.6	631	50	50.6
0163_03	25000 ppm	Day : 23	4.7	251	50	23.8
0164_03	25000 ppm	Day : 5	3.7	624	49	53.8
0164_03	25000 ppm	Day : 23	4.5	248	49	24.8
0165_03	25000 ppm	Day : 5	3.9	720	55	45.0
0165_03	25000 ppm	Day : 23	4.8	228	40	23.6
0166_03	25000 ppm	Day : 5	3.8	657	54	59.1

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	25000 ppm	Day : 23	4.4	347	40	30.8
0167_03	25000 ppm	Day : 5	3.8	653	59	41.2
0167_03	25000 ppm	Day : 23	4.4	346	39	26.6
0168_03	25000 ppm	Day : 5	3.7	583	36	52.1
0168_03	25000 ppm	Day : 23	4.4	309	36	26.9
0169_03	25000 ppm	Day : 5	3.8	648	36	48.3
0169_03	25000 ppm	Day : 23	4.4	337	42	30.1
0170_03	25000 ppm	Day : 5	3.9	616	49	54.7
0170_03	25000 ppm	Day : 23	4.1	351	34	25.9
0171_03	50000 ppm	Day : 5	3.8	616	46	50.0
0171_03	50000 ppm	Day : 23	4.4	332	33	33.2
0172_03	50000 ppm	Day : 5	3.9	658	56	37.7
0172_03	50000 ppm	Day : 23	4.5	352	33	40.6
0173_03	50000 ppm	Day : 5	4.1	570	44	45.7
0173_03	50000 ppm	Day : 23	4.6	329	36	40.3
0174_03	50000 ppm	Day : 5	4.0	647	55	42.9
0174_03	50000 ppm	Day : 23	4.3	350	40	33.7
0175_03	50000 ppm	Day : 5	4.1	725	53	42.6
0175_03	50000 ppm	Day : 23	4.4	354	37	34.7
0176_03	50000 ppm	Day : 5	3.9	681	68	58.4
0176_03	50000 ppm	Day : 23	4.2	327	34	38.7
0177_03	50000 ppm	Day : 5	4.1	688	56	28.3

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:41

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	50000 ppm	Day : 5	4.1	688	56	28.3
0177_03	50000 ppm	Day : 23	5.0	222	28	27.5
0178_03	50000 ppm	Day : 5	4.1	578	32	41.5
0178_03	50000 ppm	Day : 23	4.4	326	36	33.7
0179_03	50000 ppm	Day : 5	3.8	585	37	36.2
0179_03	50000 ppm	Day : 23	4.9	277	29	28.9
0180_03	50000 ppm	Day : 5	3.8	572	33	45.6
0180_03	50000 ppm	Day : 23	4.6	283	28	25.9

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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
0001_03	0 ppm	Day : 94	21.6	373	0.5	5.8
0002_03	0 ppm	Day : 94	18.0	182	0.7	6.4
0003_03	0 ppm	Day : 94	20.8	263	0.7	6.7
0004_03	0 ppm	Day : 94	20.6	210	0.6	6.6
0005_03	0 ppm	Day : 94	23.0	232	0.6	6.5
0006_03	0 ppm	Day : 94	30.1	300	0.9	6.6
0007_03	0 ppm	Day : 94	31.5	265	1.0	6.8
0008_03	0 ppm	Day : 94	32.5	370	0.8	7.0
0009_03	0 ppm	Day : 94	29.4	353	0.9	7.1
0010_03	0 ppm	Day : 94	33.3	393	1.2	6.9
0011_03	3125 ppm	Day : 94	17.7	195	0.6	6.3
0012_03	3125 ppm	Day : 94	17.8	235	0.7	6.6
0013_03	6250 ppm	Day : 94	16.7	204	0.6	6.4
0014_03	6250 ppm	Day : 94	17.2	236	0.6	6.5
0015_03	6250 ppm	Day : 94	18.9	154	0.6	6.4
0016_03	6250 ppm	Day : 94	18.5	169	0.7	6.4
0017_03	6250 ppm	Day : 94	17.1	260	0.7	6.8
0018_03	6250 ppm	Day : 94	17.3	407	0.7	6.4
0019_03	6250 ppm	Day : 94	18.8	376	0.6	6.5
0020_03	6250 ppm	Day : 94	16.1	398	0.7	6.1
0021_03	6250 ppm	Day : 94	21.6	272	0.8	6.4
0022_03	6250 ppm	Day : 94	19.0	153	0.7	6.6

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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	6250 ppm	Day : 94	19.2	209	0.6	6.3
0024_03	6250 ppm	Day : 94	22.7	312	0.7	6.9
0025_03	6250 ppm	Day : 94	20.3	198	0.6	6.4
0026_03	6250 ppm	Day : 94	19.7	237	0.7	6.5
0027_03	6250 ppm	Day : 94	17.2	292	0.6	6.6
0028_03	6250 ppm	Day : 94	19.0	196	0.7	6.9
0029_03	6250 ppm	Day : 94	18.1	315	0.7	6.7
0030_03	6250 ppm	Day : 94	21.0	318	0.7	6.5
0031_03	12500 ppm	Day : 94	22.4	171	0.7	6.7
0032_03	12500 ppm	Day : 94	18.8	248	0.7	6.7
0033_03	12500 ppm	Day : 94	21.3	160	0.6	7.0
0034_03	12500 ppm	Day : 94	21.4	293	0.6	7.1
0035_03	12500 ppm	Day : 94	20.6	207	0.7	6.9
0036_03	12500 ppm	Day : 94	17.9	271	0.7	6.7
0037_03	12500 ppm	Day : 94	17.4	248	0.7	7.0
0038_03	12500 ppm	Day : 94	19.1	321	0.7	6.8
0039_03	12500 ppm	Day : 94	17.2	260	0.6	6.6
0040_03	12500 ppm	Day : 94	18.8	524	0.6	6.8
0041_03	25000 ppm	Day : 94	20.5	135	0.7	6.6
0042_03	25000 ppm	Day : 94	21.7	141	0.7	7.1
0043_03	25000 ppm	Day : 94	18.4	247	0.6	7.0
0044_03	25000 ppm	Day : 94	20.3	202	0.6	6.8

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	25000 ppm	Day : 94	18.5	179	0.6	6.6
0046_03	25000 ppm	Day : 94	20.4	155	0.7	7.1
0047_03	25000 ppm	Day : 94	22.9	284	0.6	6.7
0048_03	25000 ppm	Day : 94	23.9	475	0.7	7.1
0049_03	25000 ppm	Day : 94	20.2	414	0.7	6.9
0050_03	25000 ppm	Day : 94	23.8	415	0.7	6.7
0051_03	50000 ppm	Day : 94	18.8	232	0.5	7.2
0052_03	50000 ppm	Day : 94	18.0	207	0.6	7.4
0053_03	50000 ppm	Day : 94	20.4	211	0.7	7.4
0054_03	50000 ppm	Day : 94	20.5	239	0.6	7.0
0055_03	50000 ppm	Day : 94	19.4	304	0.6	7.2
0056_03	50000 ppm	Day : 94	19.6	153	0.7	6.8
0057_03	50000 ppm	Day : 94	23.5	188	0.7	7.2
0058_03	50000 ppm	Day : 94	21.3	575	0.5	6.8
0059_03	50000 ppm	Day : 94	21.2	261	0.6	7.3
0060_03	50000 ppm	Day : 94	20.9	404	0.7	6.9
0121_03	0 ppm	Day : 5	10.3	257	0.4	5.2
0121_03	0 ppm	Day : 23	15.5	246	0.5	6.1
0122_03	0 ppm	Day : 5	12.0	331	0.5	5.5
0122_03	0 ppm	Day : 23	15.9	315	0.5	6.0
0123_03	0 ppm	Day : 5	12.6	336	0.4	5.6
0123_03	0 ppm	Day : 23	14.1	577	0.6	6.1

Experiment Number: 99007-03

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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 : 5	13.0	312	0.5	5.7
0124_03	0 ppm	Day : 23	15.9	414	0.6	6.3
0125_03	0 ppm	Day : 5	10.9	319	0.5	5.7
0125_03	0 ppm	Day : 23	12.6	378	0.6	6.1
0126_03	0 ppm	Day : 5	13.1	507	0.4	5.6
0126_03	0 ppm	Day : 23	14.8	267	0.5	5.6
0127_03	0 ppm	Day : 5	12.9	301	0.5	5.6
0127_03	0 ppm	Day : 23	14.9	241	0.5	6.3
0128_03	0 ppm	Day : 5	11.7	1290	0.5	5.1
0128_03	0 ppm	Day : 23	13.9	363	0.5	6.7
0129_03	0 ppm	Day : 5	11.8	440	0.4	5.2
0129_03	0 ppm	Day : 23	12.6	471	0.5	6.0
0130_03	0 ppm	Day : 5	12.5	661	0.4	5.1
0130_03	0 ppm	Day : 23	16.9	223	0.5	6.1
0131_03	6250 ppm	Day : 5	14.3	484	QNS	5.2
0131_03	6250 ppm	Day : 23	17.4	270	0.5	5.9
0132_03	6250 ppm	Day : 5	14.1	371	0.5	5.4
0132_03	6250 ppm	Day : 23	13.7	492	0.5	6.2
0133_03	6250 ppm	Day : 5	11.1	277	0.5	5.4
0133_03	6250 ppm	Day : 23	14.7	383	0.6	6.0
0134_03	6250 ppm	Day : 5	11.7	406	0.5	5.9
0134_03	6250 ppm	Day : 23	15.1	218	0.5	6.0

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:41

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
0135_03	6250 ppm	Day : 5	11.1	270	0.5	5.3
0135_03	6250 ppm	Day : 23	11.6	237	0.6	6.2
0136_03	6250 ppm	Day : 5	12.2	484	0.5	5.3
0136_03	6250 ppm	Day : 23	17.0	241	0.5	5.9
0137_03	6250 ppm	Day : 5	10.7	290	0.4	5.3
0137_03	6250 ppm	Day : 23	14.4	189	0.5	6.0
0138_03	6250 ppm	Day : 5	10.5	508	0.5	5.4
0138_03	6250 ppm	Day : 23	15.7	263	0.5	6.1
0139_03	6250 ppm	Day : 5	12.7	553	0.4	5.6
0139_03	6250 ppm	Day : 23	15.8	276	0.5	6.3
0140_03	6250 ppm	Day : 5	11.6	408	0.5	4.9
0140_03	6250 ppm	Day : 23	14.2	220	0.5	5.8
0141_03	6250 ppm	Day : 5	12.3	289	0.5	5.5
0141_03	6250 ppm	Day : 23	14.0	284	0.5	6.2
0142_03	6250 ppm	Day : 5	12.7	264	0.5	5.8
0142_03	6250 ppm	Day : 23	12.0	329	0.6	6.1
0143_03	6250 ppm	Day : 5	12.0	306	0.5	5.5
0143_03	6250 ppm	Day : 23	14.0	432	0.6	6.3
0144_03	6250 ppm	Day : 5	12.6	271	0.5	5.0
0144_03	6250 ppm	Day : 23	13.9	371	0.7	6.8
0145_03	6250 ppm	Day : 5	11.4	526	0.5	5.3
0145_03	6250 ppm	Day : 23	14.6	364	0.6	6.2

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	6250 ppm	Day : 5	10.2	321	0.5	5.7
0146_03	6250 ppm	Day : 23	11.8	287	0.5	6.0
0147_03	6250 ppm	Day : 5	11.1	770	0.5	6.0
0147_03	6250 ppm	Day : 23	DEAD	DEAD	DEAD	DEAD
0148_03	6250 ppm	Day : 5	12.1	580	0.5	5.5
0148_03	6250 ppm	Day : 23	14.5	306	0.6	6.0
0149_03	6250 ppm	Day : 5	14.0	552	0.5	5.7
0149_03	6250 ppm	Day : 23	12.1	263	0.6	6.1
0150_03	6250 ppm	Day : 5	9.9	375	0.5	5.1
0150_03	6250 ppm	Day : 23	11.0	191	0.5	6.2
0151_03	12500 ppm	Day : 5	13.8	403	0.4	5.8
0151_03	12500 ppm	Day : 23	15.9	401	0.5	6.0
0152_03	12500 ppm	Day : 5	12.5	360	0.5	5.6
0152_03	12500 ppm	Day : 23	12.9	258	0.5	5.9
0153_03	12500 ppm	Day : 5	13.9	360	0.5	5.4
0153_03	12500 ppm	Day : 23	14.8	327	0.6	6.3
0154_03	12500 ppm	Day : 5	14.4	321	0.5	6.2
0154_03	12500 ppm	Day : 23	15.4	394	0.6	6.4
0155_03	12500 ppm	Day : 5	11.8	515	0.5	5.5
0155_03	12500 ppm	Day : 23	14.3	238	0.5	6.7
0156_03	12500 ppm	Day : 5	12.2	357	0.5	5.6
0156_03	12500 ppm	Day : 23	25.8	365	0.5	6.3

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:41

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	12500 ppm	Day : 5	13.7	427	0.5	5.9
0157_03	12500 ppm	Day : 23	21.5	200	0.5	6.4
0158_03	12500 ppm	Day : 5	13.7	505	0.4	5.3
0158_03	12500 ppm	Day : 23	19.9	280	0.5	6.3
0159_03	12500 ppm	Day : 5	9.2	492	0.5	5.5
0159_03	12500 ppm	Day : 23	24.2	251	0.5	6.5
0160_03	12500 ppm	Day : 5	9.7	413	0.5	5.0
0160_03	12500 ppm	Day : 23	23.5	303	0.5	6.0
0161_03	25000 ppm	Day : 5	12.0	565	0.5	5.5
0161_03	25000 ppm	Day : 23	28.0	269	0.5	6.4
0162_03	25000 ppm	Day : 5	12.3	250	0.5	6.0
0162_03	25000 ppm	Day : 23	27.5	252	0.5	7.1
0163_03	25000 ppm	Day : 5	13.6	328	0.5	5.5
0163_03	25000 ppm	Day : 23	26.6	322	0.5	6.8
0164_03	25000 ppm	Day : 5	12.4	424	0.5	5.3
0164_03	25000 ppm	Day : 23	28.9	318	0.5	6.5
0165_03	25000 ppm	Day : 5	11.2	307	0.5	5.8
0165_03	25000 ppm	Day : 23	25.0	327	0.5	6.8
0166_03	25000 ppm	Day : 5	11.1	239	0.5	5.5
0166_03	25000 ppm	Day : 23	16.5	204	0.5	6.3
0167_03	25000 ppm	Day : 5	13.1	258	0.5	5.6
0167_03	25000 ppm	Day : 23	17.7	326	0.5	6.2

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:41

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	25000 ppm	Day : 5	13.2	659	0.5	5.3
0168_03	25000 ppm	Day : 23	17.4	252	0.5	6.4
0169_03	25000 ppm	Day : 5	10.7	415	0.5	5.4
0169_03	25000 ppm	Day : 23	16.3	259	0.5	6.3
0170_03	25000 ppm	Day : 5	11.3	396	0.5	5.6
0170_03	25000 ppm	Day : 23	14.0	402	0.5	5.8
0171_03	50000 ppm	Day : 5	12.3	228	0.4	5.7
0171_03	50000 ppm	Day : 23	15.1	231	0.6	6.6
0172_03	50000 ppm	Day : 5	13.4	260	0.4	5.8
0172_03	50000 ppm	Day : 23	16.2	269	0.5	6.6
0173_03	50000 ppm	Day : 5	13.0	328	0.5	6.3
0173_03	50000 ppm	Day : 23	14.6	271	0.6	6.9
0174_03	50000 ppm	Day : 5	14.1	365	0.5	5.8
0174_03	50000 ppm	Day : 23	15.2	315	0.6	6.2
0175_03	50000 ppm	Day : 5	12.5	311	0.6	5.9
0175_03	50000 ppm	Day : 23	16.1	290	0.6	6.5
0176_03	50000 ppm	Day : 5	12.5	315	0.5	6.0
0176_03	50000 ppm	Day : 23	16.9	390	0.5	6.4
0177_03	50000 ppm	Day : 5	14.6	260	0.5	6.3
0177_03	50000 ppm	Day : 23	22.3	236	0.5	7.0
0178_03	50000 ppm	Day : 5	14.2	414	0.6	6.0
0178_03	50000 ppm	Day : 23	17.9	231	0.6	6.3

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:41

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	50000 ppm	Day : 5	13.5	667	0.5	5.5
0179_03	50000 ppm	Day : 23	19.6	411	0.5	6.8
0180_03	50000 ppm	Day : 5	12.6	323	0.5	5.6
0180_03	50000 ppm	Day : 23	19.4	220	0.5	6.5

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:41

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0001_03	0 ppm	Day : 94	22.0
0002_03	0 ppm	Day : 94	28.6
0003_03	0 ppm	Day : 94	27.2
0004_03	0 ppm	Day : 94	18.8
0005_03	0 ppm	Day : 94	25.9
0006_03	0 ppm	Day : 94	43.1
0007_03	0 ppm	Day : 94	43.6
0008_03	0 ppm	Day : 94	69.3
0009_03	0 ppm	Day : 94	136.0
0010_03	0 ppm	Day : 94	38.2
0011_03	3125 ppm	Day : 94	15.7
0012_03	3125 ppm	Day : 94	19.8
0013_03	6250 ppm	Day : 94	15.6
0014_03	6250 ppm	Day : 94	15.1
0015_03	6250 ppm	Day : 94	19.1
0016_03	6250 ppm	Day : 94	21.4
0017_03	6250 ppm	Day : 94	16.9
0018_03	6250 ppm	Day : 94	19.3
0019_03	6250 ppm	Day : 94	15.3
0020_03	6250 ppm	Day : 94	15.5
0021_03	6250 ppm	Day : 94	15.1
0022_03	6250 ppm	Day : 94	21.2

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:41

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0023_03	6250 ppm	Day : 94	19.6
0024_03	6250 ppm	Day : 94	14.9
0025_03	6250 ppm	Day : 94	20.5
0026_03	6250 ppm	Day : 94	16.8
0027_03	6250 ppm	Day : 94	11.8
0028_03	6250 ppm	Day : 94	22.1
0029_03	6250 ppm	Day : 94	15.6
0030_03	6250 ppm	Day : 94	21.5
0031_03	12500 ppm	Day : 94	17.1
0032_03	12500 ppm	Day : 94	13.7
0033_03	12500 ppm	Day : 94	19.4
0034_03	12500 ppm	Day : 94	8.6
0035_03	12500 ppm	Day : 94	15.9
0036_03	12500 ppm	Day : 94	13.4
0037_03	12500 ppm	Day : 94	14.4
0038_03	12500 ppm	Day : 94	18.9
0039_03	12500 ppm	Day : 94	18.9
0040_03	12500 ppm	Day : 94	7.8
0041_03	25000 ppm	Day : 94	15.8
0042_03	25000 ppm	Day : 94	17.1
0043_03	25000 ppm	Day : 94	12.4
0044_03	25000 ppm	Day : 94	20.9

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:42

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0045_03	25000 ppm	Day : 94	17.0
0046_03	25000 ppm	Day : 94	18.2
0047_03	25000 ppm	Day : 94	15.8
0048_03	25000 ppm	Day : 94	13.4
0049_03	25000 ppm	Day : 94	14.1
0050_03	25000 ppm	Day : 94	12.9
0051_03	50000 ppm	Day : 94	14.0
0052_03	50000 ppm	Day : 94	16.2
0053_03	50000 ppm	Day : 94	15.0
0054_03	50000 ppm	Day : 94	16.1
0055_03	50000 ppm	Day : 94	13.6
0056_03	50000 ppm	Day : 94	17.4
0057_03	50000 ppm	Day : 94	16.7
0058_03	50000 ppm	Day : 94	7.7
0059_03	50000 ppm	Day : 94	21.7
0060_03	50000 ppm	Day : 94	15.2
0121_03	0 ppm	Day : 5	29.2
0121_03	0 ppm	Day : 23	19.4
0122_03	0 ppm	Day : 5	18.5
0122_03	0 ppm	Day : 23	16.6
0123_03	0 ppm	Day : 5	10.3
0123_03	0 ppm	Day : 23	8.0

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:42

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0124_03	0 ppm	Day : 5	23.4
0124_03	0 ppm	Day : 23	16.3
0125_03	0 ppm	Day : 5	20.4
0125_03	0 ppm	Day : 23	16.5
0126_03	0 ppm	Day : 5	13.4
0126_03	0 ppm	Day : 23	14.9
0127_03	0 ppm	Day : 5	23.5
0127_03	0 ppm	Day : 23	16.8
0128_03	0 ppm	Day : 5	12.7
0128_03	0 ppm	Day : 23	21.4
0129_03	0 ppm	Day : 5	20.2
0129_03	0 ppm	Day : 23	13.3
0130_03	0 ppm	Day : 5	14.9
0130_03	0 ppm	Day : 23	15.3
0131_03	6250 ppm	Day : 5	QNS
0131_03	6250 ppm	Day : 23	20.5
0132_03	6250 ppm	Day : 5	22.9
0132_03	6250 ppm	Day : 23	21.5
0133_03	6250 ppm	Day : 5	21.2
0133_03	6250 ppm	Day : 23	14.8
0134_03	6250 ppm	Day : 5	23.5
0134_03	6250 ppm	Day : 23	15.9

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:42

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0135_03	6250 ppm	Day : 5	18.9
0135_03	6250 ppm	Day : 23	17.2
0136_03	6250 ppm	Day : 5	13.6
0136_03	6250 ppm	Day : 23	16.6
0137_03	6250 ppm	Day : 5	20.0
0137_03	6250 ppm	Day : 23	14.4
0138_03	6250 ppm	Day : 5	16.3
0138_03	6250 ppm	Day : 23	13.8
0139_03	6250 ppm	Day : 5	QNS
0139_03	6250 ppm	Day : 23	14.8
0140_03	6250 ppm	Day : 5	15.4
0140_03	6250 ppm	Day : 23	12.7
0141_03	6250 ppm	Day : 5	27.0
0141_03	6250 ppm	Day : 23	20.7
0142_03	6250 ppm	Day : 5	27.2
0142_03	6250 ppm	Day : 23	15.8
0143_03	6250 ppm	Day : 5	22.9
0143_03	6250 ppm	Day : 23	14.4
0144_03	6250 ppm	Day : 5	20.2
0144_03	6250 ppm	Day : 23	20.8
0145_03	6250 ppm	Day : 5	24.7
0145_03	6250 ppm	Day : 23	16.3

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:42

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0146_03	6250 ppm	Day : 5	16.6
0146_03	6250 ppm	Day : 23	16.2
0147_03	6250 ppm	Day : 5	19.1
0147_03	6250 ppm	Day : 23	DEAD
0148_03	6250 ppm	Day : 5	20.3
0148_03	6250 ppm	Day : 23	12.8
0149_03	6250 ppm	Day : 5	QNS
0149_03	6250 ppm	Day : 23	16.0
0150_03	6250 ppm	Day : 5	18.4
0150_03	6250 ppm	Day : 23	12.2
0151_03	12500 ppm	Day : 5	21.2
0151_03	12500 ppm	Day : 23	23.8
0152_03	12500 ppm	Day : 5	16.9
0152_03	12500 ppm	Day : 23	15.3
0153_03	12500 ppm	Day : 5	12.6
0153_03	12500 ppm	Day : 23	14.2
0154_03	12500 ppm	Day : 5	14.1
0154_03	12500 ppm	Day : 23	11.0
0155_03	12500 ppm	Day : 5	20.4
0155_03	12500 ppm	Day : 23	17.7
0156_03	12500 ppm	Day : 5	18.9
0156_03	12500 ppm	Day : 23	12.0

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:42

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0157_03	12500 ppm	Day : 5	15.6
0157_03	12500 ppm	Day : 23	14.9
0158_03	12500 ppm	Day : 5	21.5
0158_03	12500 ppm	Day : 23	16.0
0159_03	12500 ppm	Day : 5	16.1
0159_03	12500 ppm	Day : 23	17.2
0160_03	12500 ppm	Day : 5	16.3
0160_03	12500 ppm	Day : 23	12.1
0161_03	25000 ppm	Day : 5	26.5
0161_03	25000 ppm	Day : 23	20.0
0162_03	25000 ppm	Day : 5	23.3
0162_03	25000 ppm	Day : 23	24.6
0163_03	25000 ppm	Day : 5	23.1
0163_03	25000 ppm	Day : 23	15.7
0164_03	25000 ppm	Day : 5	22.0
0164_03	25000 ppm	Day : 23	15.1
0165_03	25000 ppm	Day : 5	24.7
0165_03	25000 ppm	Day : 23	16.7
0166_03	25000 ppm	Day : 5	23.5
0166_03	25000 ppm	Day : 23	12.6
0167_03	25000 ppm	Day : 5	20.9
0167_03	25000 ppm	Day : 23	13.1

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:42

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0168_03	25000 ppm	Day : 5	19.3
0168_03	25000 ppm	Day : 23	15.6
0169_03	25000 ppm	Day : 5	21.0
0169_03	25000 ppm	Day : 23	14.0
0170_03	25000 ppm	Day : 5	16.8
0170_03	25000 ppm	Day : 23	10.6
0171_03	50000 ppm	Day : 5	27.3
0171_03	50000 ppm	Day : 23	17.7
0172_03	50000 ppm	Day : 5	19.1
0172_03	50000 ppm	Day : 23	17.3
0173_03	50000 ppm	Day : 5	22.6
0173_03	50000 ppm	Day : 23	20.0
0174_03	50000 ppm	Day : 5	22.8
0174_03	50000 ppm	Day : 23	16.0
0175_03	50000 ppm	Day : 5	26.5
0175_03	50000 ppm	Day : 23	15.8
0176_03	50000 ppm	Day : 5	22.0
0176_03	50000 ppm	Day : 23	12.9
0177_03	50000 ppm	Day : 5	21.7
0177_03	50000 ppm	Day : 23	17.5
0178_03	50000 ppm	Day : 5	21.6
0178_03	50000 ppm	Day : 23	16.4

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:42

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0179_03	50000 ppm	Day : 5	26.9
0179_03	50000 ppm	Day : 23	16.2
0180_03	50000 ppm	Day : 5	QNS
0180_03	50000 ppm	Day : 23	15.2

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 : 94	4.7	171	63	35.7
0062_03	0 ppm	Day : 94	4.8	166	93	32.4
0063_03	0 ppm	Day : 94	4.5	184	58	32.4
0064_03	0 ppm	Day : 94	4.9	166	96	20.9
0065_03	0 ppm	Day : 94	4.8	218	76	22.0
0066_03	0 ppm	Day : 94	4.5	169	52	27.8
0067_03	0 ppm	Day : 94	4.9	200	52	46.3
0068_03	0 ppm	Day : 94	4.7	151	53	40.7
0069_03	0 ppm	Day : 94	4.8	159	46	32.5
0070_03	0 ppm	Day : 94	4.9	176	59	17.6
0071_03	3125 ppm	Day : 94	4.8	129	44	22.8
0072_03	3125 ppm	Day : 94	4.8	131	36	22.6
0073_03	3125 ppm	Day : 94	5.0	142	51	54.2
0074_03	3125 ppm	Day : 94	4.9	154	41	32.5
0075_03	3125 ppm	Day : 94	5.0	120	44	35.4
0076_03	3125 ppm	Day : 94	5.0	133	49	23.9
0077_03	3125 ppm	Day : 94	4.9	144	47	18.8
0078_03	3125 ppm	Day : 94	5.0	139	40	24.2
0079_03	3125 ppm	Day : 94	4.8	135	36	28.8
0080_03	3125 ppm	Day : 94	4.9	155	45	32.0
0081_03	6250 ppm	Day : 94	4.8	132	40	34.5
0082_03	6250 ppm	Day : 94	4.7	149	42	35.6

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:42

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	6250 ppm	Day : 94	4.7	115	42	34.2
0084_03	6250 ppm	Day : 94	5.0	132	40	17.1
0085_03	6250 ppm	Day : 94	5.0	132	41	31.7
0086_03	6250 ppm	Day : 94	4.7	167	61	53.4
0087_03	6250 ppm	Day : 94	4.6	148	45	28.0
0088_03	6250 ppm	Day : 94	4.9	130	41	31.1
0089_03	6250 ppm	Day : 94	4.8	142	35	21.1
0090_03	6250 ppm	Day : 94	4.6	164	38	26.9
0091_03	12500 ppm	Day : 94	4.8	106	32	48.1
0092_03	12500 ppm	Day : 94	4.6	142	29	36.6
0093_03	12500 ppm	Day : 94	4.9	136	39	32.8
0094_03	12500 ppm	Day : 94	5.1	169	34	27.1
0095_03	12500 ppm	Day : 94	4.8	142	36	31.1
0096_03	12500 ppm	Day : 94	4.6	142	38	57.4
0097_03	12500 ppm	Day : 94	5.1	151	35	23.6
0098_03	12500 ppm	Day : 94	4.7	142	40	21.1
0099_03	12500 ppm	Day : 94	4.8	132	33	35.0
0100_03	12500 ppm	Day : 94	5.0	110	32	29.3
0101_03	25000 ppm	Day : 94	4.8	134	33	47.9
0102_03	25000 ppm	Day : 94	5.1	114	40	46.5
0103_03	25000 ppm	Day : 94	5.0	124	37	32.4
0104_03	25000 ppm	Day : 94	5.3	132	47	42.6

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0104_03	25000 ppm	Day : 94	5.3	132	47	42.6
0105_03	25000 ppm	Day : 94	5.2	146	44	36.2
0106_03	25000 ppm	Day : 94	5.0	117	35	41.0
0107_03	25000 ppm	Day : 94	4.9	147	37	29.9
0108_03	25000 ppm	Day : 94	5.0	119	37	31.0
0109_03	25000 ppm	Day : 94	5.0	137	41	31.2
0110_03	25000 ppm	Day : 94	5.0	120	41	46.5
0111_03	50000 ppm	Day : 94	5.0	121	37	44.5
0112_03	50000 ppm	Day : 94	5.1	122	39	43.6
0113_03	50000 ppm	Day : 94	5.0	116	42	46.2
0114_03	50000 ppm	Day : 94	5.4	115	33	26.8
0115_03	50000 ppm	Day : 94	5.1	127	41	34.6
0116_03	50000 ppm	Day : 94	5.1	134	34	31.7
0117_03	50000 ppm	Day : 94	5.0	115	32	42.8
0118_03	50000 ppm	Day : 94	5.0	129	36	30.0
0119_03	50000 ppm	Day : 94	5.4	125	30	34.7
0120_03	50000 ppm	Day : 94	4.9	134	38	35.0
0181_03	0 ppm	Day : 5	4.0	544	58	35.0
0181_03	0 ppm	Day : 23	4.2	334	41	27.0
0182_03	0 ppm	Day : 5	4.0	559	45	29.4
0182_03	0 ppm	Day : 23	4.4	313	34	24.7
0183_03	0 ppm	Day : 5	4.0	500	41	28.8

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0183_03	0 ppm	Day : 23	4.7	313	34	21.3
0184_03	0 ppm	Day : 5	3.8	557	55	22.0
0184_03	0 ppm	Day : 23	4.6	358	35	14.4
0185_03	0 ppm	Day : 5	4.0	554	53	25.9
0185_03	0 ppm	Day : 23	4.5	324	38	22.6
0186_03	0 ppm	Day : 5	4.0	481	50	18.3
0186_03	0 ppm	Day : 23	4.7	358	34	20.0
0187_03	0 ppm	Day : 5	3.8	538	42	28.2
0187_03	0 ppm	Day : 23	4.5	337	38	30.4
0188_03	0 ppm	Day : 5	3.9	556	51	21.7
0188_03	0 ppm	Day : 23	4.7	327	38	20.3
0189_03	0 ppm	Day : 5	4.0	536	36	27.8
0189_03	0 ppm	Day : 23	4.7	323	35	26.5
0190_03	0 ppm	Day : 5	4.4	563	44	39.2
0190_03	0 ppm	Day : 23	4.8	282	37	33.2
0191_03	3125 ppm	Day : 5	4.0	569	57	24.5
0191_03	3125 ppm	Day : 23	4.2	295	37	18.6
0192_03	3125 ppm	Day : 5	4.0	551	46	25.6
0192_03	3125 ppm	Day : 23	4.5	276	36	18.7
0193_03	3125 ppm	Day : 5	3.8	452	53	35.0
0193_03	3125 ppm	Day : 23	4.3	290	41	26.0
0194_03	3125 ppm	Day : 5	3.9	507	46	31.8

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0194_03	3125 ppm	Day : 5	3.9	507	46	31.8
0194_03	3125 ppm	Day : 23	4.3	313	36	21.4
0195_03	3125 ppm	Day : 5	3.9	475	43	21.7
0195_03	3125 ppm	Day : 23	4.5	284	35	21.1
0196_03	3125 ppm	Day : 5	3.7	517	63	27.8
0196_03	3125 ppm	Day : 23	4.1	319	45	22.9
0197_03	3125 ppm	Day : 5	4.0	457	44	34.4
0197_03	3125 ppm	Day : 23	4.6	292	43	20.4
0198_03	3125 ppm	Day : 5	3.7	571	50	42.9
0198_03	3125 ppm	Day : 23	4.4	294	46	27.5
0199_03	3125 ppm	Day : 5	3.9	487	54	30.3
0199_03	3125 ppm	Day : 23	4.3	293	48	23.8
0200_03	3125 ppm	Day : 5	3.8	534	47	36.0
0200_03	3125 ppm	Day : 23	4.4	324	46	26.5
0201_03	6250 ppm	Day : 5	3.9	573	43	26.6
0201_03	6250 ppm	Day : 23	4.2	297	39	29.7
0202_03	6250 ppm	Day : 5	3.7	572	48	30.4
0202_03	6250 ppm	Day : 23	4.2	291	38	52.7
0203_03	6250 ppm	Day : 5	4.1	464	42	24.2
0203_03	6250 ppm	Day : 23	4.6	289	41	22.4
0204_03	6250 ppm	Day : 5	4.1	512	39	31.7
0204_03	6250 ppm	Day : 23	4.5	291	37	25.1

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0205_03	6250 ppm	Day : 5	4.1	444	48	22.8
0205_03	6250 ppm	Day : 23	4.2	249	45	20.4
0206_03	6250 ppm	Day : 5	3.8	495	63	18.3
0206_03	6250 ppm	Day : 23	4.1	293	38	27.6
0207_03	6250 ppm	Day : 5	3.9	474	37	36.8
0207_03	6250 ppm	Day : 23	4.5	301	40	24.3
0208_03	6250 ppm	Day : 5	3.8	543	56	29.4
0208_03	6250 ppm	Day : 23	4.5	281	36	22.0
0209_03	6250 ppm	Day : 5	4.1	459	43	27.3
0209_03	6250 ppm	Day : 23	4.6	284	38	24.9
0210_03	6250 ppm	Day : 5	3.7	487	55	30.1
0210_03	6250 ppm	Day : 23	4.5	304	46	24.0
0211_03	12500 ppm	Day : 5	4.0	615	49	39.6
0211_03	12500 ppm	Day : 23	4.3	292	35	31.3
0212_03	12500 ppm	Day : 5	4.0	479	40	36.1
0212_03	12500 ppm	Day : 23	4.4	279	37	29.4
0213_03	12500 ppm	Day : 5	3.8	459	35	33.1
0213_03	12500 ppm	Day : 23	4.5	276	39	26.5
0214_03	12500 ppm	Day : 5	4.1	573	69	28.9
0214_03	12500 ppm	Day : 23	4.5	271	38	35.6
0215_03	12500 ppm	Day : 5	4.2	494	46	27.9
0215_03	12500 ppm	Day : 23	4.3	276	35	25.5

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
0215_03	12500 ppm	Day : 23	4.3	276	35	25.5
0216_03	12500 ppm	Day : 5	3.7	481	44	33.9
0216_03	12500 ppm	Day : 23	4.6	301	35	27.4
0217_03	12500 ppm	Day : 5	3.9	505	54	28.2
0217_03	12500 ppm	Day : 23	4.5	300	39	24.9
0218_03	12500 ppm	Day : 5	4.0	509	43	26.0
0218_03	12500 ppm	Day : 23	4.3	290	33	24.8
0219_03	12500 ppm	Day : 5	4.3	540	47	29.0
0219_03	12500 ppm	Day : 23	4.7	310	41	19.3
0220_03	12500 ppm	Day : 5	4.1	448	36	25.6
0220_03	12500 ppm	Day : 23	4.7	214	31	18.6
0221_03	25000 ppm	Day : 5	4.1	524	48	29.1
0221_03	25000 ppm	Day : 23	4.4	254	33	32.6
0222_03	25000 ppm	Day : 5	4.3	490	38	35.7
0222_03	25000 ppm	Day : 23	4.5	260	37	35.7
0223_03	25000 ppm	Day : 5	4.3	502	47	33.6
0223_03	25000 ppm	Day : 23	4.6	235	33	29.3
0224_03	25000 ppm	Day : 5	4.1	504	45	34.4
0224_03	25000 ppm	Day : 23	4.5	285	35	31.2
0225_03	25000 ppm	Day : 5	4.1	575	49	28.6
0225_03	25000 ppm	Day : 23	4.4	297	33	28.7
0226_03	25000 ppm	Day : 5	3.8	504	49	27.4

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0226_03	25000 ppm	Day : 23	4.2	260	30	32.0
0227_03	25000 ppm	Day : 5	4.1	430	37	32.8
0227_03	25000 ppm	Day : 23	4.7	272	39	27.0
0228_03	25000 ppm	Day : 5	4.1	459	33	27.5
0228_03	25000 ppm	Day : 23	4.5	253	33	32.6
0229_03	25000 ppm	Day : 5	4.0	521	44	29.7
0229_03	25000 ppm	Day : 23	4.6	266	36	23.2
0230_03	25000 ppm	Day : 5	3.8	604	45	26.8
0230_03	25000 ppm	Day : 23	4.8	297	34	23.4
0231_03	50000 ppm	Day : 5	4.3	461	45	38.3
0231_03	50000 ppm	Day : 23	4.5	225	30	44.2
0232_03	50000 ppm	Day : 5	4.1	554	53	38.7
0232_03	50000 ppm	Day : 23	4.5	260	34	29.3
0233_03	50000 ppm	Day : 5	4.1	454	43	37.5
0233_03	50000 ppm	Day : 23	4.6	246	38	34.0
0234_03	50000 ppm	Day : 5	4.1	548	50	40.1
0234_03	50000 ppm	Day : 23	4.6	265	35	35.1
0235_03	50000 ppm	Day : 5	4.3	505	48	26.9
0235_03	50000 ppm	Day : 23	4.4	250	31	26.2
0236_03	50000 ppm	Day : 5	4.1	532	45	31.4
0236_03	50000 ppm	Day : 23	4.2	259	35	33.1
0237_03	50000 ppm	Day : 5	4.1	526	47	36.3

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:43

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
0237_03	50000 ppm	Day : 5	4.1	526	47	36.3
0237_03	50000 ppm	Day : 23	4.7	271	36	33.4
0238_03	50000 ppm	Day : 5	4.1	533	50	39.7
0238_03	50000 ppm	Day : 23	4.8	278	37	29.6
0239_03	50000 ppm	Day : 5	4.2	440	35	47.0
0239_03	50000 ppm	Day : 23	4.7	237	29	33.1
0240_03	50000 ppm	Day : 5	4.3	459	42	34.6
0240_03	50000 ppm	Day : 23	4.7	249	32	28.0

Experiment Number: 99007-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 13:44:43

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 : 94	18.6	182	0.6	6.0
0062_03	0 ppm	Day : 94	18.3	402	0.6	6.4
0063_03	0 ppm	Day : 94	17.7	194	0.6	5.9
0064_03	0 ppm	Day : 94	19.1	134	0.7	6.6
0065_03	0 ppm	Day : 94	20.1	279	0.6	6.2
0066_03	0 ppm	Day : 94	17.0	157	0.6	6.0
0067_03	0 ppm	Day : 94	13.5	206	0.6	6.8
0068_03	0 ppm	Day : 94	17.3	246	0.6	6.4
0069_03	0 ppm	Day : 94	18.0	280	0.6	6.1
0070_03	0 ppm	Day : 94	16.4	141	0.6	6.3
0071_03	3125 ppm	Day : 94	16.5	223	0.6	6.7
0072_03	3125 ppm	Day : 94	18.6	305	0.7	6.3
0073_03	3125 ppm	Day : 94	17.7	126	0.6	6.8
0074_03	3125 ppm	Day : 94	14.9	276	0.6	6.6
0075_03	3125 ppm	Day : 94	16.6	186	0.6	6.6
0076_03	3125 ppm	Day : 94	15.8	122	0.6	7.0
0077_03	3125 ppm	Day : 94	17.5	179	0.6	6.7
0078_03	3125 ppm	Day : 94	16.9	125	0.7	6.9
0079_03	3125 ppm	Day : 94	18.4	394	0.6	6.3
0080_03	3125 ppm	Day : 94	19.6	151	0.6	6.4
0081_03	6250 ppm	Day : 94	16.9	172	0.6	6.3
0082_03	6250 ppm	Day : 94	18.3	222	0.6	6.5

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	6250 ppm	Day : 94	20.3	199	0.7	6.6
0084_03	6250 ppm	Day : 94	14.4	170	0.6	6.7
0085_03	6250 ppm	Day : 94	17.2	148	0.7	6.7
0086_03	6250 ppm	Day : 94	28.6	335	0.6	5.8
0087_03	6250 ppm	Day : 94	18.6	172	0.6	6.1
0088_03	6250 ppm	Day : 94	18.1	223	0.6	6.9
0089_03	6250 ppm	Day : 94	19.0	120	0.6	6.5
0090_03	6250 ppm	Day : 94	17.3	209	0.6	6.4
0091_03	12500 ppm	Day : 94	16.6	164	0.6	6.7
0092_03	12500 ppm	Day : 94	16.0	226	0.6	6.4
0093_03	12500 ppm	Day : 94	15.8	150	0.6	6.6
0094_03	12500 ppm	Day : 94	15.8	151	0.7	7.0
0095_03	12500 ppm	Day : 94	18.4	144	0.7	6.4
0096_03	12500 ppm	Day : 94	18.1	102	0.6	6.2
0097_03	12500 ppm	Day : 94	15.0	112	0.7	7.0
0098_03	12500 ppm	Day : 94	18.8	240	0.6	6.5
0099_03	12500 ppm	Day : 94	17.0	319	0.5	6.3
0100_03	12500 ppm	Day : 94	15.2	148	0.6	6.7
0101_03	25000 ppm	Day : 94	17.6	182	0.6	6.7
0102_03	25000 ppm	Day : 94	15.9	150	0.6	7.2
0103_03	25000 ppm	Day : 94	15.1	254	0.5	6.8
0104_03	25000 ppm	Day : 94	16.4	166	0.6	7.2

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	25000 ppm	Day : 94	16.4	140	0.6	7.4
0106_03	25000 ppm	Day : 94	15.8	116	0.6	7.0
0107_03	25000 ppm	Day : 94	16.0	180	0.6	7.0
0108_03	25000 ppm	Day : 94	18.4	124	0.6	7.2
0109_03	25000 ppm	Day : 94	19.3	141	0.6	6.9
0110_03	25000 ppm	Day : 94	19.2	101	0.6	6.8
0111_03	50000 ppm	Day : 94	19.3	422	0.6	6.9
0112_03	50000 ppm	Day : 94	21.9	153	0.6	6.9
0113_03	50000 ppm	Day : 94	20.5	194	0.6	7.1
0114_03	50000 ppm	Day : 94	20.6	151	0.6	7.5
0115_03	50000 ppm	Day : 94	17.3	330	0.6	7.2
0116_03	50000 ppm	Day : 94	18.8	178	0.6	7.3
0117_03	50000 ppm	Day : 94	22.0	169	0.5	7.1
0118_03	50000 ppm	Day : 94	18.9	154	0.6	7.0
0119_03	50000 ppm	Day : 94	19.2	126	0.6	7.6
0120_03	50000 ppm	Day : 94	20.9	194	0.6	6.8
0181_03	0 ppm	Day : 5	12.3	581	0.4	5.6
0181_03	0 ppm	Day : 23	17.1	471	0.5	5.7
0182_03	0 ppm	Day : 5	10.1	320	0.5	5.5
0182_03	0 ppm	Day : 23	15.8	277	0.5	6.0
0183_03	0 ppm	Day : 5	11.3	435	0.4	5.4
0183_03	0 ppm	Day : 23	16.9	221	0.5	6.4

Experiment Number: 99007-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 13:44:43

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 : 5	9.8	445	0.4	5.1
0184_03	0 ppm	Day : 23	20.1	260	0.6	6.4
0185_03	0 ppm	Day : 5	11.6	370	0.5	5.5
0185_03	0 ppm	Day : 23	17.8	398	0.6	5.9
0186_03	0 ppm	Day : 5	11.8	418	0.4	5.7
0186_03	0 ppm	Day : 23	16.6	242	0.5	6.3
0187_03	0 ppm	Day : 5	9.6	435	0.4	5.4
0187_03	0 ppm	Day : 23	14.7	341	0.6	6.1
0188_03	0 ppm	Day : 5	7.8	455	0.4	5.4
0188_03	0 ppm	Day : 23	15.2	361	0.5	6.3
0189_03	0 ppm	Day : 5	13.0	372	0.4	5.4
0189_03	0 ppm	Day : 23	16.1	344	0.5	6.1
0190_03	0 ppm	Day : 5	11.5	281	0.5	6.1
0190_03	0 ppm	Day : 23	13.7	287	0.6	6.4
0191_03	3125 ppm	Day : 5	11.3	421	0.5	5.7
0191_03	3125 ppm	Day : 23	19.3	318	0.5	5.8
0192_03	3125 ppm	Day : 5	9.3	350	0.5	5.5
0192_03	3125 ppm	Day : 23	19.8	355	0.5	6.3
0193_03	3125 ppm	Day : 5	10.8	396	0.4	5.4
0193_03	3125 ppm	Day : 23	16.8	269	0.5	5.8
0194_03	3125 ppm	Day : 5	11.0	335	0.4	5.3
0194_03	3125 ppm	Day : 23	16.9	296	0.5	5.8

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:43

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	3125 ppm	Day : 5	10.3	415	0.4	5.5
0195_03	3125 ppm	Day : 23	17.2	300	0.5	6.1
0196_03	3125 ppm	Day : 5	9.7	263	0.4	5.2
0196_03	3125 ppm	Day : 23	20.1	206	0.5	5.8
0197_03	3125 ppm	Day : 5	13.0	408	0.4	5.6
0197_03	3125 ppm	Day : 23	17.9	268	0.5	6.4
0198_03	3125 ppm	Day : 5	9.6	383	0.4	5.5
0198_03	3125 ppm	Day : 23	16.1	249	0.5	6.0
0199_03	3125 ppm	Day : 5	10.1	280	0.4	5.2
0199_03	3125 ppm	Day : 23	18.6	314	0.6	6.0
0200_03	3125 ppm	Day : 5	10.7	275	0.4	5.2
0200_03	3125 ppm	Day : 23	15.3	233	0.5	5.8
0201_03	6250 ppm	Day : 5	10.9	439	0.5	5.6
0201_03	6250 ppm	Day : 23	18.4	515	0.5	5.9
0202_03	6250 ppm	Day : 5	12.8	340	0.5	5.4
0202_03	6250 ppm	Day : 23	17.9	416	0.5	5.9
0203_03	6250 ppm	Day : 5	12.1	265	0.4	5.8
0203_03	6250 ppm	Day : 23	16.0	234	0.6	6.3
0204_03	6250 ppm	Day : 5	11.5	469	0.5	5.8
0204_03	6250 ppm	Day : 23	15.7	276	0.5	6.3
0205_03	6250 ppm	Day : 5	11.5	363	0.5	5.9
0205_03	6250 ppm	Day : 23	18.7	386	0.5	5.6

Experiment Number: 99007-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 13:44:43

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0206_03	6250 ppm	Day : 5	10.4	315	0.4	5.2
0206_03	6250 ppm	Day : 23	14.7	303	0.5	5.9
0207_03	6250 ppm	Day : 5	11.1	358	0.4	5.4
0207_03	6250 ppm	Day : 23	16.5	236	0.5	6.4
0208_03	6250 ppm	Day : 5	9.6	327	0.4	5.1
0208_03	6250 ppm	Day : 23	17.5	249	0.5	6.1
0209_03	6250 ppm	Day : 5	9.7	261	0.4	5.8
0209_03	6250 ppm	Day : 23	16.5	240	0.5	6.2
0210_03	6250 ppm	Day : 5	10.2	313	0.4	5.0
0210_03	6250 ppm	Day : 23	17.2	214	0.5	6.1
0211_03	12500 ppm	Day : 5	11.2	452	0.4	5.8
0211_03	12500 ppm	Day : 23	15.7	319	0.5	6.3
0212_03	12500 ppm	Day : 5	12.3	532	0.5	5.6
0212_03	12500 ppm	Day : 23	18.7	231	0.6	6.2
0213_03	12500 ppm	Day : 5	13.0	406	0.5	5.4
0213_03	12500 ppm	Day : 23	14.8	172	0.5	6.3
0214_03	12500 ppm	Day : 5	9.8	306	0.5	5.9
0214_03	12500 ppm	Day : 23	15.5	551	0.5	6.2
0215_03	12500 ppm	Day : 5	14.7	292	0.5	6.0
0215_03	12500 ppm	Day : 23	15.4	266	0.5	5.9
0216_03	12500 ppm	Day : 5	11.5	285	0.4	5.3
0216_03	12500 ppm	Day : 23	15.6	246	0.5	6.5

Experiment Number: 99007-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 13:44:43

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0217_03	12500 ppm	Day : 5	11.2	376	0.4	5.8
0217_03	12500 ppm	Day : 23	15.7	345	0.5	6.3
0218_03	12500 ppm	Day : 5	12.9	330	0.4	5.6
0218_03	12500 ppm	Day : 23	13.6	361	0.5	6.1
0219_03	12500 ppm	Day : 5	15.8	257	0.4	6.1
0219_03	12500 ppm	Day : 23	15.8	261	0.6	6.4
0220_03	12500 ppm	Day : 5	7.8	245	0.4	5.8
0220_03	12500 ppm	Day : 23	13.0	195	0.6	6.5
0221_03	25000 ppm	Day : 5	13.2	360	0.5	6.0
0221_03	25000 ppm	Day : 23	15.6	256	0.5	6.2
0222_03	25000 ppm	Day : 5	12.9	395	0.5	6.1
0222_03	25000 ppm	Day : 23	16.0	426	0.5	6.2
0223_03	25000 ppm	Day : 5	13.5	347	0.5	6.1
0223_03	25000 ppm	Day : 23	16.7	349	0.5	6.5
0224_03	25000 ppm	Day : 5	13.3	318	0.4	5.8
0224_03	25000 ppm	Day : 23	16.4	346	0.5	6.3
0225_03	25000 ppm	Day : 5	11.4	309	0.5	5.8
0225_03	25000 ppm	Day : 23	14.3	346	0.5	6.0
0226_03	25000 ppm	Day : 5	12.9	220	0.4	5.3
0226_03	25000 ppm	Day : 23	13.4	236	0.5	6.0
0227_03	25000 ppm	Day : 5	12.9	455	0.4	6.1
0227_03	25000 ppm	Day : 23	15.9	268	0.5	6.7

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:43

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0228_03	25000 ppm	Day : 5	11.5	262	0.4	6.0
0228_03	25000 ppm	Day : 23	17.7	240	0.5	6.6
0229_03	25000 ppm	Day : 5	9.3	330	0.4	5.7
0229_03	25000 ppm	Day : 23	16.0	348	0.5	6.5
0230_03	25000 ppm	Day : 5	8.8	245	0.4	5.3
0230_03	25000 ppm	Day : 23	17.7	235	0.5	6.8
0231_03	50000 ppm	Day : 5	14.2	374	0.5	6.2
0231_03	50000 ppm	Day : 23	19.0	286	0.5	6.4
0232_03	50000 ppm	Day : 5	14.6	309	0.5	5.9
0232_03	50000 ppm	Day : 23	13.6	323	0.5	6.7
0233_03	50000 ppm	Day : 5	15.1	502	0.4	6.0
0233_03	50000 ppm	Day : 23	16.9	225	0.5	6.8
0234_03	50000 ppm	Day : 5	13.1	250	0.4	5.8
0234_03	50000 ppm	Day : 23	17.4	170	0.5	6.4
0235_03	50000 ppm	Day : 5	14.7	342	0.5	6.2
0235_03	50000 ppm	Day : 23	18.6	289	0.5	6.4
0236_03	50000 ppm	Day : 5	12.8	293	0.4	5.9
0236_03	50000 ppm	Day : 23	14.9	269	0.4	5.7
0237_03	50000 ppm	Day : 5	13.1	247	0.5	5.9
0237_03	50000 ppm	Day : 23	15.8	190	0.5	6.7
0238_03	50000 ppm	Day : 5	12.1	509	0.4	5.9
0238_03	50000 ppm	Day : 23	16.9	173	0.5	7.0

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:43

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_03	50000 ppm	Day : 5	14.2	523	0.5	6.2
0239_03	50000 ppm	Day : 23	13.4	164	0.5	6.8
0240_03	50000 ppm	Day : 5	11.3	268	0.4	6.2
0240_03	50000 ppm	Day : 23	14.1	331	0.5	6.5

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:43

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0061_03	0 ppm	Day : 94	19.0
0062_03	0 ppm	Day : 94	23.1
0063_03	0 ppm	Day : 94	19.4
0064_03	0 ppm	Day : 94	28.7
0065_03	0 ppm	Day : 94	17.7
0066_03	0 ppm	Day : 94	20.1
0067_03	0 ppm	Day : 94	16.8
0068_03	0 ppm	Day : 94	20.7
0069_03	0 ppm	Day : 94	12.5
0070_03	0 ppm	Day : 94	19.7
0071_03	3125 ppm	Day : 94	14.9
0072_03	3125 ppm	Day : 94	16.9
0073_03	3125 ppm	Day : 94	15.8
0074_03	3125 ppm	Day : 94	12.6
0075_03	3125 ppm	Day : 94	14.5
0076_03	3125 ppm	Day : 94	13.0
0077_03	3125 ppm	Day : 94	20.1
0078_03	3125 ppm	Day : 94	16.2
0079_03	3125 ppm	Day : 94	13.5
0080_03	3125 ppm	Day : 94	19.6
0081_03	6250 ppm	Day : 94	13.2
0082_03	6250 ppm	Day : 94	15.8

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:43

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0083_03	6250 ppm	Day : 94	17.3
0084_03	6250 ppm	Day : 94	19.5
0085_03	6250 ppm	Day : 94	14.9
0086_03	6250 ppm	Day : 94	19.3
0087_03	6250 ppm	Day : 94	14.5
0088_03	6250 ppm	Day : 94	19.5
0089_03	6250 ppm	Day : 94	13.7
0090_03	6250 ppm	Day : 94	18.3
0091_03	12500 ppm	Day : 94	16.9
0092_03	12500 ppm	Day : 94	14.3
0093_03	12500 ppm	Day : 94	13.2
0094_03	12500 ppm	Day : 94	17.1
0095_03	12500 ppm	Day : 94	15.7
0096_03	12500 ppm	Day : 94	14.9
0097_03	12500 ppm	Day : 94	16.0
0098_03	12500 ppm	Day : 94	16.2
0099_03	12500 ppm	Day : 94	11.9
0100_03	12500 ppm	Day : 94	20.0
0101_03	25000 ppm	Day : 94	14.2
0102_03	25000 ppm	Day : 94	16.5
0103_03	25000 ppm	Day : 94	16.5
0104_03	25000 ppm	Day : 94	18.0

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:43

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0105_03	25000 ppm	Day : 94	19.2
0106_03	25000 ppm	Day : 94	16.6
0107_03	25000 ppm	Day : 94	23.4
0108_03	25000 ppm	Day : 94	18.3
0109_03	25000 ppm	Day : 94	18.2
0110_03	25000 ppm	Day : 94	19.8
0111_03	50000 ppm	Day : 94	12.7
0112_03	50000 ppm	Day : 94	21.1
0113_03	50000 ppm	Day : 94	18.9
0114_03	50000 ppm	Day : 94	18.6
0115_03	50000 ppm	Day : 94	18.8
0116_03	50000 ppm	Day : 94	19.4
0117_03	50000 ppm	Day : 94	17.9
0118_03	50000 ppm	Day : 94	17.4
0119_03	50000 ppm	Day : 94	21.3
0120_03	50000 ppm	Day : 94	16.4
0181_03	0 ppm	Day : 5	16.5
0181_03	0 ppm	Day : 23	14.5
0182_03	0 ppm	Day : 5	19.1
0182_03	0 ppm	Day : 23	21.6
0183_03	0 ppm	Day : 5	18.4
0183_03	0 ppm	Day : 23	20.7

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:43

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0184_03	0 ppm	Day : 5	17.6
0184_03	0 ppm	Day : 23	21.2
0185_03	0 ppm	Day : 5	15.6
0185_03	0 ppm	Day : 23	19.1
0186_03	0 ppm	Day : 5	12.1
0186_03	0 ppm	Day : 23	22.3
0187_03	0 ppm	Day : 5	14.6
0187_03	0 ppm	Day : 23	19.5
0188_03	0 ppm	Day : 5	14.5
0188_03	0 ppm	Day : 23	21.9
0189_03	0 ppm	Day : 5	20.2
0189_03	0 ppm	Day : 23	21.6
0190_03	0 ppm	Day : 5	25.0
0190_03	0 ppm	Day : 23	21.2
0191_03	3125 ppm	Day : 5	18.4
0191_03	3125 ppm	Day : 23	18.5
0192_03	3125 ppm	Day : 5	21.8
0192_03	3125 ppm	Day : 23	21.5
0193_03	3125 ppm	Day : 5	27.1
0193_03	3125 ppm	Day : 23	21.9
0194_03	3125 ppm	Day : 5	28.9
0194_03	3125 ppm	Day : 23	22.0

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:43

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0195_03	3125 ppm	Day : 5	16.3
0195_03	3125 ppm	Day : 23	20.9
0196_03	3125 ppm	Day : 5	15.8
0196_03	3125 ppm	Day : 23	25.5
0197_03	3125 ppm	Day : 5	13.4
0197_03	3125 ppm	Day : 23	24.4
0198_03	3125 ppm	Day : 5	16.0
0198_03	3125 ppm	Day : 23	20.5
0199_03	3125 ppm	Day : 5	16.0
0199_03	3125 ppm	Day : 23	22.4
0200_03	3125 ppm	Day : 5	23.6
0200_03	3125 ppm	Day : 23	20.8
0201_03	6250 ppm	Day : 5	18.1
0201_03	6250 ppm	Day : 23	16.4
0202_03	6250 ppm	Day : 5	17.6
0202_03	6250 ppm	Day : 23	27.7
0203_03	6250 ppm	Day : 5	22.0
0203_03	6250 ppm	Day : 23	22.3
0204_03	6250 ppm	Day : 5	17.1
0204_03	6250 ppm	Day : 23	20.3
0205_03	6250 ppm	Day : 5	17.7
0205_03	6250 ppm	Day : 23	14.1

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:43

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0206_03	6250 ppm	Day : 5	15.3
0206_03	6250 ppm	Day : 23	20.7
0207_03	6250 ppm	Day : 5	19.3
0207_03	6250 ppm	Day : 23	23.0
0208_03	6250 ppm	Day : 5	16.7
0208_03	6250 ppm	Day : 23	24.0
0209_03	6250 ppm	Day : 5	19.3
0209_03	6250 ppm	Day : 23	22.5
0210_03	6250 ppm	Day : 5	23.5
0210_03	6250 ppm	Day : 23	22.2
0211_03	12500 ppm	Day : 5	30.1
0211_03	12500 ppm	Day : 23	19.6
0212_03	12500 ppm	Day : 5	20.8
0212_03	12500 ppm	Day : 23	21.8
0213_03	12500 ppm	Day : 5	23.0
0213_03	12500 ppm	Day : 23	20.3
0214_03	12500 ppm	Day : 5	23.3
0214_03	12500 ppm	Day : 23	19.1
0215_03	12500 ppm	Day : 5	18.1
0215_03	12500 ppm	Day : 23	22.7
0216_03	12500 ppm	Day : 5	15.8
0216_03	12500 ppm	Day : 23	22.4

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:44

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0217_03	12500 ppm	Day : 5	17.1
0217_03	12500 ppm	Day : 23	19.6
0218_03	12500 ppm	Day : 5	18.0
0218_03	12500 ppm	Day : 23	17.8
0219_03	12500 ppm	Day : 5	26.8
0219_03	12500 ppm	Day : 23	24.3
0220_03	12500 ppm	Day : 5	22.6
0220_03	12500 ppm	Day : 23	21.3
0221_03	25000 ppm	Day : 5	23.7
0221_03	25000 ppm	Day : 23	23.8
0222_03	25000 ppm	Day : 5	21.8
0222_03	25000 ppm	Day : 23	15.4
0223_03	25000 ppm	Day : 5	20.0
0223_03	25000 ppm	Day : 23	19.8
0224_03	25000 ppm	Day : 5	19.5
0224_03	25000 ppm	Day : 23	18.9
0225_03	25000 ppm	Day : 5	18.7
0225_03	25000 ppm	Day : 23	19.1
0226_03	25000 ppm	Day : 5	16.9
0226_03	25000 ppm	Day : 23	24.5
0227_03	25000 ppm	Day : 5	16.3
0227_03	25000 ppm	Day : 23	23.4

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:44

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0228_03	25000 ppm	Day : 5	18.0
0228_03	25000 ppm	Day : 23	23.5
0229_03	25000 ppm	Day : 5	18.5
0229_03	25000 ppm	Day : 23	20.1
0230_03	25000 ppm	Day : 5	21.8
0230_03	25000 ppm	Day : 23	26.1
0231_03	50000 ppm	Day : 5	24.1
0231_03	50000 ppm	Day : 23	28.2
0232_03	50000 ppm	Day : 5	25.9
0232_03	50000 ppm	Day : 23	23.1
0233_03	50000 ppm	Day : 5	16.9
0233_03	50000 ppm	Day : 23	26.4
0234_03	50000 ppm	Day : 5	19.6
0234_03	50000 ppm	Day : 23	18.7
0235_03	50000 ppm	Day : 5	20.5
0235_03	50000 ppm	Day : 23	24.6
0236_03	50000 ppm	Day : 5	21.0
0236_03	50000 ppm	Day : 23	18.7
0237_03	50000 ppm	Day : 5	17.7
0237_03	50000 ppm	Day : 23	22.7
0238_03	50000 ppm	Day : 5	17.8
0238_03	50000 ppm	Day : 23	23.1

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:44:44

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0239_03	50000 ppm	Day : 5	12.0
0239_03	50000 ppm	Day : 23	23.1
0240_03	50000 ppm	Day : 5	23.6
0240_03	50000 ppm	Day : 23	22.5

** END OF REPORT **