

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:50

First Dose M/F: NA / NA

Lab: NA

C Number: C20011

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

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	4.8	244	137	19
0002_03	0 ppm	Day : 94	5.1	251	260	23
0003_03	0 ppm	Day : 94	5	261	107	17
0004_03	0 ppm	Day : 94	4.9	292	81	16
0005_03	0 ppm	Day : 94	4.8	270	112	17
0006_03	0 ppm	Day : 94	4.8	269	154	19
0007_03	0 ppm	Day : 94	4.7	232	157	21
0008_03	0 ppm	Day : 94	4.7	235	99	13
0009_03	0 ppm	Day : 94	4.9	270	134	15
0010_03	0 ppm	Day : 94	4.8	259	168	17
0011_03	0 ppm	Day : 3	4.2	645	62	20
0011_03	0 ppm	Day : 23	4.3	430	45	17
0012_03	0 ppm	Day : 3	4.3	740	63	25
0012_03	0 ppm	Day : 23	4.4	420	42	13
0013_03	0 ppm	Day : 3	4.4	657	57	19
0013_03	0 ppm	Day : 23	4.4	463	53	15
0014_03	0 ppm	Day : 3	4.6	730	50	15
0014_03	0 ppm	Day : 23	4.6	476	42	17
0015_03	0 ppm	Day : 3	4.3	624	44	20
0015_03	0 ppm	Day : 23	4.6	360	44	16
0016_03	0 ppm	Day : 3	4.2	718	57	18
0016_03	0 ppm	Day : 23	4.6	485	52	15

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:50

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
0017_03	0 ppm	Day : 3	4.2	695	58	24
0017_03	0 ppm	Day : 23	4.4	451	47	16
0018_03	0 ppm	Day : 3	4.4	731	54	18
0018_03	0 ppm	Day : 23	4.5	426	50	16
0019_03	0 ppm	Day : 3	4.1	673	59	20
0019_03	0 ppm	Day : 23	4.4	435	47	15
0020_03	0 ppm	Day : 3	4.2	672	54	16
0020_03	0 ppm	Day : 23	4.5	432	50	17
0201_03	62.5 ppm	Day : 94	4.8	245	106	14
0202_03	62.5 ppm	Day : 94	4.6	219	89	16
0203_03	62.5 ppm	Day : 94	4.7	230	120	17
0204_03	62.5 ppm	Day : 94	4.8	231	103	15
0205_03	62.5 ppm	Day : 94	4.7	211	99	13
0206_03	62.5 ppm	Day : 94	4.7	241	151	17
0207_03	62.5 ppm	Day : 94	4.7	239	99	16
0208_03	62.5 ppm	Day : 94	4.9	242	167	18
0209_03	62.5 ppm	Day : 94	4.8	226	84	15
0210_03	62.5 ppm	Day : 94	4.9	227	130	16
0211_03	62.5 ppm	Day : 3	4.1	655	47	17
0211_03	62.5 ppm	Day : 23	4.4	489	43	13
0212_03	62.5 ppm	Day : 3	4.1	708	50	16
0212_03	62.5 ppm	Day : 23	4.5	500	49	17

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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
0212_03	62.5 ppm	Day : 23	4.5	500	49	17
0213_03	62.5 ppm	Day : 3	4.3	710	52	20
0213_03	62.5 ppm	Day : 23	4.6	381	45	15
0214_03	62.5 ppm	Day : 3	4.2	642	47	17
0214_03	62.5 ppm	Day : 23	4.2	478	43	13
0215_03	62.5 ppm	Day : 3	4.2	681	52	16
0215_03	62.5 ppm	Day : 23	4.5	483	40	14
0216_03	62.5 ppm	Day : 3	4.3	729	51	18
0216_03	62.5 ppm	Day : 23	4.5	469	44	18
0217_03	62.5 ppm	Day : 3	4.3	609	42	14
0217_03	62.5 ppm	Day : 23	4.3	410	40	13
0218_03	62.5 ppm	Day : 3	4.1	776	50	16
0218_03	62.5 ppm	Day : 23	4.4	470	45	14
0219_03	62.5 ppm	Day : 3	4.3	708	50	17
0219_03	62.5 ppm	Day : 23	4.4	513	49	16
0220_03	62.5 ppm	Day : 3	4.1	690	51	15
0220_03	62.5 ppm	Day : 23	4.2	472	40	17
0401_03	125 ppm	Day : 94	4.8	241	117	17
0402_03	125 ppm	Day : 94	4.9	248	134	17
0403_03	125 ppm	Day : 94	4.6	234	104	15
0404_03	125 ppm	Day : 94	4.1	242	152	28
0405_03	125 ppm	Day : 94	4.7	236	88	16

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
0406_03	125 ppm	Day : 94	4.9	235	165	18
0407_03	125 ppm	Day : 94	4.8	274	92	17
0408_03	125 ppm	Day : 94	4.6	209	115	20
0409_03	125 ppm	Day : 94	4.8	246	137	17
0410_03	125 ppm	Day : 94	4.7	210	110	16
0411_03	125 ppm	Day : 3	4.1	697	44	16
0411_03	125 ppm	Day : 23	4.5	489	35	17
0412_03	125 ppm	Day : 3	3.9	713	34	14
0412_03	125 ppm	Day : 23	4.5	510	39	16
0413_03	125 ppm	Day : 3	4.2	671	39	15
0413_03	125 ppm	Day : 23	4.4	489	37	16
0414_03	125 ppm	Day : 3	4.1	692	42	18
0414_03	125 ppm	Day : 23	4.3	446	35	15
0415_03	125 ppm	Day : 3	4	677	40	17
0415_03	125 ppm	Day : 23	4.5	507	37	16
0416_03	125 ppm	Day : 3	4.1	665	33	15
0416_03	125 ppm	Day : 23	4.4	450	41	15
0417_03	125 ppm	Day : 3	4.3	669	44	17
0417_03	125 ppm	Day : 23	4.4	502	38	13
0418_03	125 ppm	Day : 3	4.1	680	40	18
0418_03	125 ppm	Day : 23	4.4	450	32	15
0419_03	125 ppm	Day : 3	4.2	630	38	16

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
0419_03	125 ppm	Day : 3	4.2	630	38	16
0419_03	125 ppm	Day : 23	4.3	443	43	15
0420_03	125 ppm	Day : 3	4	691	42	18
0420_03	125 ppm	Day : 23	4.4	472	39	15
0601_03	250 ppm	Day : 94	4.6	241	165	17
0602_03	250 ppm	Day : 94	4.9	250	110	18
0603_03	250 ppm	Day : 94	4.9	224	136	16
0604_03	250 ppm	Day : 94	4.8	237	111	17
0605_03	250 ppm	Day : 94	4.8	252	76	16
0606_03	250 ppm	Day : 94	4.8	224	91	17
0607_03	250 ppm	Day : 94	4.9	217	144	19
0608_03	250 ppm	Day : 94	4.7	247	155	15
0609_03	250 ppm	Day : 94	4.9	239	121	12
0610_03	250 ppm	Day : 94	4.7	225	133	17
0611_03	250 ppm	Day : 3	4.2	688	32	14
0611_03	250 ppm	Day : 23	4.4	475	28	15
0612_03	250 ppm	Day : 3	4.2	767	29	13
0612_03	250 ppm	Day : 23	4.7	497	30	13
0613_03	250 ppm	Day : 3	4.1	662	35	18
0613_03	250 ppm	Day : 23	4.3	500	34	16
0614_03	250 ppm	Day : 3	4.1	710	34	18
0614_03	250 ppm	Day : 23	4.5	495	30	16

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
0615_03	250 ppm	Day : 3	4.1	668	30	17
0615_03	250 ppm	Day : 23	4.3	412	28	13
0616_03	250 ppm	Day : 3	4.2	717	32	23
0616_03	250 ppm	Day : 23	4.3	465	33	15
0617_03	250 ppm	Day : 3	4	675	37	17
0617_03	250 ppm	Day : 23	4.3	514	28	18
0618_03	250 ppm	Day : 3	4	662	29	15
0618_03	250 ppm	Day : 23	4.6	455	30	14
0619_03	250 ppm	Day : 3	4.1	661	29	14
0619_03	250 ppm	Day : 23	4.4	406	29	14
0620_03	250 ppm	Day : 3	3.9	645	33	15
0620_03	250 ppm	Day : 23	4.5	478	31	18
0801_03	500 ppm	Day : 94	4.9	228	110	18
0802_03	500 ppm	Day : 94	4.6	221	108	18
0803_03	500 ppm	Day : 94	4.8	223	125	20
0804_03	500 ppm	Day : 94	4.7	241	117	19
0805_03	500 ppm	Day : 94	4.8	229	115	18
0806_03	500 ppm	Day : 94	4.4	197	71	16
0807_03	500 ppm	Day : 94	4.7	223	135	16
0808_03	500 ppm	Day : 94	4.6	238	139	21
0809_03	500 ppm	Day : 94	4.7	262	126	20
0810_03	500 ppm	Day : 94	4.8	236	150	21

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
0810_03	500 ppm	Day : 94	4.8	236	150	21
0811_03	500 ppm	Day : 3	4	733	61	39
0811_03	500 ppm	Day : 23	4.1	451	24	13
0812_03	500 ppm	Day : 3	4	683	40	25
0812_03	500 ppm	Day : 23	4.3	459	25	15
0813_03	500 ppm	Day : 3	3.9	776	97	33
0813_03	500 ppm	Day : 23	4.4	433	21	14
0814_03	500 ppm	Day : 3	3.9	591	30	13
0814_03	500 ppm	Day : 23	4.3	406	23	11
0815_03	500 ppm	Day : 3	4.1	831	60	31
0815_03	500 ppm	Day : 23	4.3	429	27	13
0816_03	500 ppm	Day : 3	4.3	746	51	29
0816_03	500 ppm	Day : 23	4.4	443	25	15
0817_03	500 ppm	Day : 3	4.1	664	34	15
0817_03	500 ppm	Day : 23	4.4	411	31	15
0818_03	500 ppm	Day : 3	4.2	686	31	23
0818_03	500 ppm	Day : 23	4.3	448	25	13
0819_03	500 ppm	Day : 3	4.2	631	35	19
0819_03	500 ppm	Day : 23	4.3	368	20	12
0820_03	500 ppm	Day : 3	4	714	57	26
0820_03	500 ppm	Day : 23	4.3	444	24	14
1001_03	1000 ppm	Day : 94	4.8	225	78	17

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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
1002_03	1000 ppm	Day : 94	4.9	237	94	19
1003_03	1000 ppm	Day : 94	4.7	218	52	16
1004_03	1000 ppm	Day : 94	4.6	222	61	16
1005_03	1000 ppm	Day : 94	4.7	259	57	16
1006_03	1000 ppm	Day : 94	4.7	218	70	17
1007_03	1000 ppm	Day : 94	4.7	241	98	27
1008_03	1000 ppm	Day : 94	4.8	218	67	15
1009_03	1000 ppm	Day : 94	4.7	249	75	16
1010_03	1000 ppm	Day : 94	4.9	234	60	16
1011_03	1000 ppm	Day : 3	4.1	630	27	17
1011_03	1000 ppm	Day : 23	4.4	422	27	14
1012_03	1000 ppm	Day : 3	4.1	610	22	17
1012_03	1000 ppm	Day : 23	4.4	428	24	13
1013_03	1000 ppm	Day : 3	4	737	31	25
1013_03	1000 ppm	Day : 23	4.2	440	24	17
1014_03	1000 ppm	Day : 3	4.4	681	22	30
1014_03	1000 ppm	Day : 23	4.3	411	22	16
1015_03	1000 ppm	Day : 3	4.3	585	35	20
1015_03	1000 ppm	Day : 23	4.3	449	22	15
1016_03	1000 ppm	Day : 3	4.1	716	77	37
1016_03	1000 ppm	Day : 23	4.3	463	18	13
1017_03	1000 ppm	Day : 3	4.1	639	23	17

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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
1017_03	1000 ppm	Day : 3	4.1	639	23	17
1017_03	1000 ppm	Day : 23	4.3	500	22	16
1018_03	1000 ppm	Day : 3	4	627	23	17
1018_03	1000 ppm	Day : 23	4.2	474	19	14
1019_03	1000 ppm	Day : 3	4.2	562	21	17
1019_03	1000 ppm	Day : 23	4.4	449	21	15
1020_03	1000 ppm	Day : 3	4.2	663	31	19
1020_03	1000 ppm	Day : 23	4.4	494	23	13

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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	18	142	0.7	7.2
0002_03	0 ppm	Day : 94	17	168	0.7	7.6
0003_03	0 ppm	Day : 94	18	174	0.5	7.8
0004_03	0 ppm	Day : 94	17	983	0.6	7.5
0005_03	0 ppm	Day : 94	16	115	0.5	7.2
0006_03	0 ppm	Day : 94	17	100	0.6	7.1
0007_03	0 ppm	Day : 94	18	1019	0.5	7.1
0008_03	0 ppm	Day : 94	16	339	0.7	7
0009_03	0 ppm	Day : 94	16	408	0.6	7.2
0010_03	0 ppm	Day : 94	16	99	0.7	7.2
0011_03	0 ppm	Day : 3	7	678	0.2	5.7
0011_03	0 ppm	Day : 23	9	295	0.3	6.1
0012_03	0 ppm	Day : 3	9	1605	0.3	6.2
0012_03	0 ppm	Day : 23	11	264	0.3	6.2
0013_03	0 ppm	Day : 3	11	444	0.3	6.1
0013_03	0 ppm	Day : 23	11	269	0.3	6.2
0014_03	0 ppm	Day : 3	7	299	0.3	6.3
0014_03	0 ppm	Day : 23	11	297	0.3	6.4
0015_03	0 ppm	Day : 3	9	418	0.2	6.1
0015_03	0 ppm	Day : 23	10	360	0.4	6.4
0016_03	0 ppm	Day : 3	8	282	0.3	5.9
0016_03	0 ppm	Day : 23	10	326	0.3	6.5

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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
0017_03	0 ppm	Day : 3	8	393	0.2	5.7
0017_03	0 ppm	Day : 23	11	863	0.3	6.1
0018_03	0 ppm	Day : 3	7	269	0.2	6
0018_03	0 ppm	Day : 23	11	366	0.3	6.1
0019_03	0 ppm	Day : 3	7	330	0.2	5.5
0019_03	0 ppm	Day : 23	11	449	0.3	6.2
0020_03	0 ppm	Day : 3	8	483	0.2	5.7
0020_03	0 ppm	Day : 23	12	682	0.3	6.3
0201_03	62.5 ppm	Day : 94	17	161	0.7	7.2
0202_03	62.5 ppm	Day : 94	16	182	0.7	7
0203_03	62.5 ppm	Day : 94	15	133	0.6	7.1
0204_03	62.5 ppm	Day : 94	16	386	0.6	7.2
0205_03	62.5 ppm	Day : 94	13	145	0.6	7
0206_03	62.5 ppm	Day : 94	16	230	0.7	7.1
0207_03	62.5 ppm	Day : 94	15	98	0.6	7.3
0208_03	62.5 ppm	Day : 94	16	201	0.6	7.4
0209_03	62.5 ppm	Day : 94	15	238	0.6	7.3
0210_03	62.5 ppm	Day : 94	19	132	0.6	7.5
0211_03	62.5 ppm	Day : 3	9	248	0.2	5.7
0211_03	62.5 ppm	Day : 23	9	307	0.3	6.1
0212_03	62.5 ppm	Day : 3	8	215	0.2	5.7
0212_03	62.5 ppm	Day : 23	12	370	0.3	6.5

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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
0213_03	62.5 ppm	Day : 3	10	495	0.3	5.8
0213_03	62.5 ppm	Day : 23	15	217	0.3	6.4
0214_03	62.5 ppm	Day : 3	10	569	0.3	5.8
0214_03	62.5 ppm	Day : 23	12	581	0.3	6.2
0215_03	62.5 ppm	Day : 3	9	277	0.3	5.7
0215_03	62.5 ppm	Day : 23	10	262	0.3	6.3
0216_03	62.5 ppm	Day : 3	8	419	0.3	5.9
0216_03	62.5 ppm	Day : 23	14	279	0.3	6.3
0217_03	62.5 ppm	Day : 3	9	364	0.3	6
0217_03	62.5 ppm	Day : 23	9	394	0.3	6.1
0218_03	62.5 ppm	Day : 3	9	397	0.3	5.6
0218_03	62.5 ppm	Day : 23	12	271	0.3	6.2
0219_03	62.5 ppm	Day : 3	9	433	0.2	5.9
0219_03	62.5 ppm	Day : 23	12	566	0.3	6.2
0220_03	62.5 ppm	Day : 3	9	429	0.2	5.7
0220_03	62.5 ppm	Day : 23	10	256	0.3	6
0401_03	125 ppm	Day : 94	16	106	0.5	7.3
0402_03	125 ppm	Day : 94	15	129	0.6	7.3
0403_03	125 ppm	Day : 94	15	101	0.7	6.9
0404_03	125 ppm	Day : 94	19	400	0.7	6.9
0405_03	125 ppm	Day : 94	15	199	0.6	7.2
0406_03	125 ppm	Day : 94	15	98	0.6	7.4

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
0407_03	125 ppm	Day : 94	17	1194	0.7	7.2
0408_03	125 ppm	Day : 94	15	387	0.6	6.9
0409_03	125 ppm	Day : 94	14	109	0.6	7.2
0410_03	125 ppm	Day : 94	15	176	0.6	7
0411_03	125 ppm	Day : 3	8	657	0.2	5.4
0411_03	125 ppm	Day : 23	11	285	0.3	6.4
0412_03	125 ppm	Day : 3	9	350	0.2	5.5
0412_03	125 ppm	Day : 23	10	469	0.4	6.4
0413_03	125 ppm	Day : 3	9	491	0.3	5.7
0413_03	125 ppm	Day : 23	12	436	0.3	6.2
0414_03	125 ppm	Day : 3	9	271	0.3	5.7
0414_03	125 ppm	Day : 23	12	290	0.3	6.2
0415_03	125 ppm	Day : 3	9	504	0.2	5.5
0415_03	125 ppm	Day : 23	11	281	0.3	6.4
0416_03	125 ppm	Day : 3	6	368	0.3	5.8
0416_03	125 ppm	Day : 23	11	533	0.3	6.4
0417_03	125 ppm	Day : 3	11	460	0.3	5.8
0417_03	125 ppm	Day : 23	12	250	0.4	6.2
0418_03	125 ppm	Day : 3	10	289	0.3	5.8
0418_03	125 ppm	Day : 23	11	221	0.3	6.3
0419_03	125 ppm	Day : 3	9	338	0.3	5.8
0419_03	125 ppm	Day : 23	13	703	0.4	6.1

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
0420_03	125 ppm	Day : 3	10	440	0.2	5.5
0420_03	125 ppm	Day : 23	12	327	0.3	6.2
0601_03	250 ppm	Day : 94	20	249	0.6	7.1
0602_03	250 ppm	Day : 94	16	235	0.6	7.3
0603_03	250 ppm	Day : 94	14	289	0.6	7.4
0604_03	250 ppm	Day : 94	16	119	0.7	7.2
0605_03	250 ppm	Day : 94	17	217	0.6	7.3
0606_03	250 ppm	Day : 94	17	147	0.6	7.4
0607_03	250 ppm	Day : 94	15	135	0.6	7.6
0608_03	250 ppm	Day : 94	15	117	0.6	7.2
0609_03	250 ppm	Day : 94	16	133	0.6	7.4
0610_03	250 ppm	Day : 94	17	597	0.7	7.2
0611_03	250 ppm	Day : 3	11	486	0.2	5.7
0611_03	250 ppm	Day : 23	13	499	0.4	6.1
0612_03	250 ppm	Day : 3	10	360	0.3	5.7
0612_03	250 ppm	Day : 23	13	273	0.4	6.5
0613_03	250 ppm	Day : 3	13	395	0.3	5.6
0613_03	250 ppm	Day : 23	13	2152	0.4	6.1
0614_03	250 ppm	Day : 3	11	294	0.3	5.7
0614_03	250 ppm	Day : 23	13	283	0.3	6.5
0615_03	250 ppm	Day : 3	10	242	0.3	5.7
0615_03	250 ppm	Day : 23	11	439	0.3	6.3

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
0616_03	250 ppm	Day : 3	10	366	0.2	5.9
0616_03	250 ppm	Day : 23	12	1373	0.4	6.1
0617_03	250 ppm	Day : 3	9	727	0.2	5.5
0617_03	250 ppm	Day : 23	11	424	0.3	6.1
0618_03	250 ppm	Day : 3	10	271	0.2	5.5
0618_03	250 ppm	Day : 23	12	733	0.4	6.3
0619_03	250 ppm	Day : 3	10	409	0.3	5.6
0619_03	250 ppm	Day : 23	12	589	0.3	6.3
0620_03	250 ppm	Day : 3	9	423	0.3	5.3
0620_03	250 ppm	Day : 23	13	355	0.4	6.3
0801_03	500 ppm	Day : 94	18	104	0.6	7.4
0802_03	500 ppm	Day : 94	17	344	0.7	7.1
0803_03	500 ppm	Day : 94	16	136	0.6	7.2
0804_03	500 ppm	Day : 94	17	180	0.6	7.2
0805_03	500 ppm	Day : 94	16	120	0.6	7.4
0806_03	500 ppm	Day : 94	19	152	0.7	6.7
0807_03	500 ppm	Day : 94	16	414	0.6	7.1
0808_03	500 ppm	Day : 94	17	147	0.7	7
0809_03	500 ppm	Day : 94	16	219	0.7	7.1
0810_03	500 ppm	Day : 94	18	412	0.5	7.3
0811_03	500 ppm	Day : 3	10	452	0.3	5.5
0811_03	500 ppm	Day : 23	14	694	0.3	6

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:51

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
0812_03	500 ppm	Day : 3	11	408	0.3	5.4
0812_03	500 ppm	Day : 23	15	329	0.4	6.2
0813_03	500 ppm	Day : 3	7	437	0.2	5.5
0813_03	500 ppm	Day : 23	18	222	0.3	6.2
0814_03	500 ppm	Day : 3	11	279	0.3	5.4
0814_03	500 ppm	Day : 23	14	365	0.3	6.2
0815_03	500 ppm	Day : 3	11	1408	0.3	5.7
0815_03	500 ppm	Day : 23	15	547	0.4	6.2
0816_03	500 ppm	Day : 3	12	378	0.2	5.9
0816_03	500 ppm	Day : 23	12	229	0.4	6.4
0817_03	500 ppm	Day : 3	12	361	0.3	5.8
0817_03	500 ppm	Day : 23	14	205	0.4	6.6
0818_03	500 ppm	Day : 3	13	346	0.2	5.7
0818_03	500 ppm	Day : 23	13	328	0.4	6.2
0819_03	500 ppm	Day : 3	12	482	0.3	5.8
0819_03	500 ppm	Day : 23	16	316	0.4	6
0820_03	500 ppm	Day : 3	11	459	0.2	5.4
0820_03	500 ppm	Day : 23	15	394	0.4	6.1
1001_03	1000 ppm	Day : 94	13	98	0.6	7.2
1002_03	1000 ppm	Day : 94	15	101	0.7	7.5
1003_03	1000 ppm	Day : 94	13	274	0.6	7.2
1004_03	1000 ppm	Day : 94	15	179	0.7	6.9

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:51

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
1005_03	1000 ppm	Day : 94	15	112	0.7	7.2
1006_03	1000 ppm	Day : 94	12	104	0.7	7.3
1007_03	1000 ppm	Day : 94	14	134	0.7	7.2
1008_03	1000 ppm	Day : 94	16	95	0.6	7.3
1009_03	1000 ppm	Day : 94	16	176	0.7	7
1010_03	1000 ppm	Day : 94	16	98	0.7	7.6
1011_03	1000 ppm	Day : 3	16	290	0.3	5.6
1011_03	1000 ppm	Day : 23	19	410	0.4	6.2
1012_03	1000 ppm	Day : 3	15	223	0.3	5.6
1012_03	1000 ppm	Day : 23	15	243	0.4	6.3
1013_03	1000 ppm	Day : 3	15	386	0.3	5.4
1013_03	1000 ppm	Day : 23	16	621	0.4	5.9
1014_03	1000 ppm	Day : 3	18	232	0.3	6.1
1014_03	1000 ppm	Day : 23	16	418	0.4	6.2
1015_03	1000 ppm	Day : 3	15	244	0.3	6
1015_03	1000 ppm	Day : 23	16	392	0.4	6.1
1016_03	1000 ppm	Day : 3	15	287	0.3	5.7
1016_03	1000 ppm	Day : 23	17	228	0.4	6
1017_03	1000 ppm	Day : 3	21	360	0.3	5.5
1017_03	1000 ppm	Day : 23	17	246	0.4	6.1
1018_03	1000 ppm	Day : 3	17	297	0.3	5.5
1018_03	1000 ppm	Day : 23	17	448	0.3	6

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:51

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
1019_03	1000 ppm	Day : 3	18	475	0.3	5.9
1019_03	1000 ppm	Day : 23	15	254	0.4	6.4
1020_03	1000 ppm	Day : 3	17	316	0.3	5.7
1020_03	1000 ppm	Day : 23	17	316	0.3	6.3

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:51

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	26.3
0002_03	0 ppm	Day : 94	47.7
0003_03	0 ppm	Day : 94	24.9
0004_03	0 ppm	Day : 94	20.4
0005_03	0 ppm	Day : 94	24.9
0006_03	0 ppm	Day : 94	26.8
0007_03	0 ppm	Day : 94	24.6
0008_03	0 ppm	Day : 94	21
0009_03	0 ppm	Day : 94	26.4
0010_03	0 ppm	Day : 94	30.5
0011_03	0 ppm	Day : 3	
0011_03	0 ppm	Day : 23	14.9
0012_03	0 ppm	Day : 3	
0012_03	0 ppm	Day : 23	14.2
0013_03	0 ppm	Day : 3	
0013_03	0 ppm	Day : 23	18.3
0014_03	0 ppm	Day : 3	
0014_03	0 ppm	Day : 23	16.3
0015_03	0 ppm	Day : 3	
0015_03	0 ppm	Day : 23	15.9
0016_03	0 ppm	Day : 3	
0016_03	0 ppm	Day : 23	20.6

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:51

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0017_03	0 ppm	Day : 3	
0017_03	0 ppm	Day : 23	15.0
0018_03	0 ppm	Day : 3	
0018_03	0 ppm	Day : 23	16.3
0019_03	0 ppm	Day : 3	
0019_03	0 ppm	Day : 23	17.0
0020_03	0 ppm	Day : 3	
0020_03	0 ppm	Day : 23	17.0
0201_03	62.5 ppm	Day : 94	23.2
0202_03	62.5 ppm	Day : 94	20.5
0203_03	62.5 ppm	Day : 94	26.5
0204_03	62.5 ppm	Day : 94	21.7
0205_03	62.5 ppm	Day : 94	22
0206_03	62.5 ppm	Day : 94	30.9
0207_03	62.5 ppm	Day : 94	19.6
0208_03	62.5 ppm	Day : 94	31.3
0209_03	62.5 ppm	Day : 94	20.8
0210_03	62.5 ppm	Day : 94	27.7
0211_03	62.5 ppm	Day : 3	
0211_03	62.5 ppm	Day : 23	18.1
0212_03	62.5 ppm	Day : 3	
0212_03	62.5 ppm	Day : 23	18.0

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:51

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0213_03	62.5 ppm	Day : 3	
0213_03	62.5 ppm	Day : 23	15.7
0214_03	62.5 ppm	Day : 3	
0214_03	62.5 ppm	Day : 23	16.8
0215_03	62.5 ppm	Day : 3	
0215_03	62.5 ppm	Day : 23	16.9
0216_03	62.5 ppm	Day : 3	
0216_03	62.5 ppm	Day : 23	17.5
0217_03	62.5 ppm	Day : 3	
0217_03	62.5 ppm	Day : 23	16.2
0218_03	62.5 ppm	Day : 3	
0218_03	62.5 ppm	Day : 23	17.1
0219_03	62.5 ppm	Day : 3	
0219_03	62.5 ppm	Day : 23	18.1
0220_03	62.5 ppm	Day : 3	
0220_03	62.5 ppm	Day : 23	16.6
0401_03	125 ppm	Day : 94	26.7
0402_03	125 ppm	Day : 94	29.5
0403_03	125 ppm	Day : 94	26.7
0404_03	125 ppm	Day : 94	30.1
0405_03	125 ppm	Day : 94	25.7
0406_03	125 ppm	Day : 94	32

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:51

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0407_03	125 ppm	Day : 94	23.3
0408_03	125 ppm	Day : 94	23.9
0409_03	125 ppm	Day : 94	29.5
0410_03	125 ppm	Day : 94	25.9
0411_03	125 ppm	Day : 3	
0411_03	125 ppm	Day : 23	16.5
0412_03	125 ppm	Day : 3	
0412_03	125 ppm	Day : 23	18.3
0413_03	125 ppm	Day : 3	
0413_03	125 ppm	Day : 23	15.2
0414_03	125 ppm	Day : 3	
0414_03	125 ppm	Day : 23	18.0
0415_03	125 ppm	Day : 3	
0415_03	125 ppm	Day : 23	15.9
0416_03	125 ppm	Day : 3	
0416_03	125 ppm	Day : 23	18.6
0417_03	125 ppm	Day : 3	
0417_03	125 ppm	Day : 23	14.1
0418_03	125 ppm	Day : 3	
0418_03	125 ppm	Day : 23	14.2
0419_03	125 ppm	Day : 3	
0419_03	125 ppm	Day : 23	19.6

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:51

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0420_03	125 ppm	Day : 3	
0420_03	125 ppm	Day : 23	19.3
0601_03	250 ppm	Day : 94	32.9
0602_03	250 ppm	Day : 94	25.8
0603_03	250 ppm	Day : 94	30.7
0604_03	250 ppm	Day : 94	30.4
0605_03	250 ppm	Day : 94	23.1
0606_03	250 ppm	Day : 94	26.3
0607_03	250 ppm	Day : 94	36.3
0608_03	250 ppm	Day : 94	33.7
0609_03	250 ppm	Day : 94	30.3
0610_03	250 ppm	Day : 94	33.3
0611_03	250 ppm	Day : 3	
0611_03	250 ppm	Day : 23	13.5
0612_03	250 ppm	Day : 3	
0612_03	250 ppm	Day : 23	16.8
0613_03	250 ppm	Day : 3	
0613_03	250 ppm	Day : 23	11.1
0614_03	250 ppm	Day : 3	
0614_03	250 ppm	Day : 23	17.1
0615_03	250 ppm	Day : 3	
0615_03	250 ppm	Day : 23	16.5

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:51

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0616_03	250 ppm	Day : 3	
0616_03	250 ppm	Day : 23	17.5
0617_03	250 ppm	Day : 3	
0617_03	250 ppm	Day : 23	16.4
0618_03	250 ppm	Day : 3	
0618_03	250 ppm	Day : 23	16.6
0619_03	250 ppm	Day : 3	
0619_03	250 ppm	Day : 23	17.0
0620_03	250 ppm	Day : 3	
0620_03	250 ppm	Day : 23	16.1
0801_03	500 ppm	Day : 94	31.7
0802_03	500 ppm	Day : 94	30.6
0803_03	500 ppm	Day : 94	39.5
0804_03	500 ppm	Day : 94	34.5
0805_03	500 ppm	Day : 94	39.1
0806_03	500 ppm	Day : 94	26.4
0807_03	500 ppm	Day : 94	38.5
0808_03	500 ppm	Day : 94	39.4
0809_03	500 ppm	Day : 94	36.9
0810_03	500 ppm	Day : 94	35.9
0811_03	500 ppm	Day : 3	
0811_03	500 ppm	Day : 23	14.1

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:51

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0812_03	500 ppm	Day : 3	
0812_03	500 ppm	Day : 23	19.9
0813_03	500 ppm	Day : 3	
0813_03	500 ppm	Day : 23	18.8
0814_03	500 ppm	Day : 3	
0814_03	500 ppm	Day : 23	15.6
0815_03	500 ppm	Day : 3	
0815_03	500 ppm	Day : 23	18.0
0816_03	500 ppm	Day : 3	
0816_03	500 ppm	Day : 23	18.1
0817_03	500 ppm	Day : 3	
0817_03	500 ppm	Day : 23	21.5
0818_03	500 ppm	Day : 3	
0818_03	500 ppm	Day : 23	17.4
0819_03	500 ppm	Day : 3	
0819_03	500 ppm	Day : 23	16.9
0820_03	500 ppm	Day : 3	
0820_03	500 ppm	Day : 23	16.8
1001_03	1000 ppm	Day : 94	36.9
1002_03	1000 ppm	Day : 94	43
1003_03	1000 ppm	Day : 94	26.6
1004_03	1000 ppm	Day : 94	31.4

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:51

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
1005_03	1000 ppm	Day : 94	31.1
1006_03	1000 ppm	Day : 94	38.2
1007_03	1000 ppm	Day : 94	36.7
1008_03	1000 ppm	Day : 94	36.6
1009_03	1000 ppm	Day : 94	31.9
1010_03	1000 ppm	Day : 94	32.4
1011_03	1000 ppm	Day : 3	
1011_03	1000 ppm	Day : 23	18.1
1012_03	1000 ppm	Day : 3	
1012_03	1000 ppm	Day : 23	16.2
1013_03	1000 ppm	Day : 3	
1013_03	1000 ppm	Day : 23	16.1
1014_03	1000 ppm	Day : 3	
1014_03	1000 ppm	Day : 23	17.3
1015_03	1000 ppm	Day : 3	
1015_03	1000 ppm	Day : 23	16.8
1016_03	1000 ppm	Day : 3	
1016_03	1000 ppm	Day : 23	17.3
1017_03	1000 ppm	Day : 3	
1017_03	1000 ppm	Day : 23	19.3
1018_03	1000 ppm	Day : 3	
1018_03	1000 ppm	Day : 23	14.6

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:51

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
1019_03	1000 ppm	Day : 3	
1019_03	1000 ppm	Day : 23	18.1
1020_03	1000 ppm	Day : 3	
1020_03	1000 ppm	Day : 23	17.1

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
0101_03	0 ppm	Day : 93	5.5	180	125	21
0102_03	0 ppm	Day : 93	5.1	226	49	13
0103_03	0 ppm	Day : 93	5.2	226	72	13
0104_03	0 ppm	Day : 93	5.5	204	89	16
0105_03	0 ppm	Day : 93	5.4	194	70	20
0106_03	0 ppm	Day : 93	5.4	215	67	14
0107_03	0 ppm	Day : 93	5.3	216	68	14
0108_03	0 ppm	Day : 93	5.2	219	57	16
0109_03	0 ppm	Day : 93	5.3	263	74	17
0110_03	0 ppm	Day : 93	5.4	210	37	18
0111_03	0 ppm	Day : 3	4.7	549	50	15
0111_03	0 ppm	Day : 23	4.6	343	39	16
0112_03	0 ppm	Day : 3	4.6	642	62	18
0112_03	0 ppm	Day : 23	4.7	351	45	24
0113_03	0 ppm	Day : 3	4.6	590	45	18
0113_03	0 ppm	Day : 23	4.3	342	50	20
0114_03	0 ppm	Day : 3	4.7	559	49	21
0114_03	0 ppm	Day : 23	4.5	324	41	15
0115_03	0 ppm	Day : 3	4.6	666	54	16
0115_03	0 ppm	Day : 23	4.5	354	48	16
0116_03	0 ppm	Day : 3	4.7	559	48	15
0116_03	0 ppm	Day : 23	4.4	292	44	13

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
0117_03	0 ppm	Day : 3	4.6	593	48	16
0117_03	0 ppm	Day : 23	4.7	279	43	15
0118_03	0 ppm	Day : 3	4.5	556	48	16
0118_03	0 ppm	Day : 23	4.6	298	45	16
0119_03	0 ppm	Day : 3	4.6	595	54	18
0119_03	0 ppm	Day : 23	4.7	343	44	19
0120_03	0 ppm	Day : 3	4.5	675	53	20
0120_03	0 ppm	Day : 23	4.5	337	37	15
0301_03	62.5 ppm	Day : 93	5.4	174	71	18
0302_03	62.5 ppm	Day : 93	5.3	170	67	15
0303_03	62.5 ppm	Day : 93	5.3	179	56	14
0304_03	62.5 ppm	Day : 93	5.2	213	45	22
0305_03	62.5 ppm	Day : 93	5.1	208	48	17
0306_03	62.5 ppm	Day : 93	5.2	190	49	15
0307_03	62.5 ppm	Day : 93	5	201	45	19
0308_03	62.5 ppm	Day : 93	5.5	182	89	19
0309_03	62.5 ppm	Day : 93	5.2	192	66	13
0310_03	62.5 ppm	Day : 93	5.3	196	72	25
0311_03	62.5 ppm	Day : 3	4.4	567	39	20
0311_03	62.5 ppm	Day : 23	4.6	290	34	16
0312_03	62.5 ppm	Day : 3	4.2	573	48	25
0312_03	62.5 ppm	Day : 23	4.6	359	34	12

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
0312_03	62.5 ppm	Day : 23	4.6	359	34	12
0313_03	62.5 ppm	Day : 3	4.3	541	40	23
0313_03	62.5 ppm	Day : 23	4.6	328	35	15
0314_03	62.5 ppm	Day : 3	4.5	595	40	19
0314_03	62.5 ppm	Day : 23	4.5	354	30	13
0315_03	62.5 ppm	Day : 3	4.5	593	35	13
0315_03	62.5 ppm	Day : 23	4.4	312	29	12
0316_03	62.5 ppm	Day : 3	4.3	590	45	15
0316_03	62.5 ppm	Day : 23	4.7	350	36	15
0317_03	62.5 ppm	Day : 3	4.3	553	41	15
0317_03	62.5 ppm	Day : 23	4.6	354	35	12
0318_03	62.5 ppm	Day : 3	4.5	637	39	18
0318_03	62.5 ppm	Day : 23	4.5	372	38	12
0319_03	62.5 ppm	Day : 3	4.6	613	43	15
0319_03	62.5 ppm	Day : 23	4.5	348	36	13
0320_03	62.5 ppm	Day : 3	4.5	630	39	15
0320_03	62.5 ppm	Day : 23	4.4	348	35	16
0501_03	125 ppm	Day : 93	5.1	163	77	34
0502_03	125 ppm	Day : 93	5	173	49	13
0503_03	125 ppm	Day : 93	5.5	181	60	16
0504_03	125 ppm	Day : 93	5.5	175	47	14
0505_03	125 ppm	Day : 93	5.4	180	50	14

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
0506_03	125 ppm	Day : 93	5	182	43	13
0507_03	125 ppm	Day : 93	5	167	53	13
0508_03	125 ppm	Day : 93	5.4	190	63	16
0509_03	125 ppm	Day : 93	5.1	208	93	13
0510_03	125 ppm	Day : 93	5.2	203	39	13
0511_03	125 ppm	Day : 3	4.4	615	32	17
0511_03	125 ppm	Day : 23	5	376	35	15
0512_03	125 ppm	Day : 3	4.5	577	34	17
0512_03	125 ppm	Day : 23	4.5	313	29	14
0513_03	125 ppm	Day : 3	4.5	568	31	14
0513_03	125 ppm	Day : 23	4.5	313	28	14
0514_03	125 ppm	Day : 3	4.2	652	38	21
0514_03	125 ppm	Day : 23	4.7	349	24	13
0515_03	125 ppm	Day : 3	4.4	507	33	13
0515_03	125 ppm	Day : 23	4.5	281	30	13
0516_03	125 ppm	Day : 3	4.4	538	29	13
0516_03	125 ppm	Day : 23	4.5	285	27	11
0517_03	125 ppm	Day : 3	4.6	557	33	21
0517_03	125 ppm	Day : 23	4.4	326	29	13
0518_03	125 ppm	Day : 3	4.4	515	31	16
0518_03	125 ppm	Day : 23	4.4	343	30	15
0519_03	125 ppm	Day : 3	4.2	597	33	15

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
0519_03	125 ppm	Day : 3	4.2	597	33	15
0519_03	125 ppm	Day : 23	4.5	330	27	13
0520_03	125 ppm	Day : 3	4.6	661	33	14
0520_03	125 ppm	Day : 23	4.5	329	29	22
0701_03	250 ppm	Day : 93	5.1	206	48	12
0702_03	250 ppm	Day : 93	5.1	206	40	13
0703_03	250 ppm	Day : 93	5.3	207	64	14
0704_03	250 ppm	Day : 93	5.2	182	65	15
0705_03	250 ppm	Day : 93	5.2	177	51	15
0706_03	250 ppm	Day : 93	5	183	57	11
0707_03	250 ppm	Day : 93	5.4	221	57	14
0708_03	250 ppm	Day : 93	5.3	233	63	15
0709_03	250 ppm	Day : 93	4.9	197	35	12
0710_03	250 ppm	Day : 93	5.5	201	50	16
0711_03	250 ppm	Day : 3	4.3	558	28	14
0711_03	250 ppm	Day : 23	4.5	313	20	15
0712_03	250 ppm	Day : 3	4	575	28	18
0712_03	250 ppm	Day : 23	4.5	350	22	13
0713_03	250 ppm	Day : 3	4.3	525	24	12
0713_03	250 ppm	Day : 23	4.5	328	22	14
0714_03	250 ppm	Day : 3	4.2	601	28	14
0714_03	250 ppm	Day : 23	4.5	310	20	12

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
0715_03	250 ppm	Day : 3	4.5	579	24	13
0715_03	250 ppm	Day : 23	4.4	352	22	13
0716_03	250 ppm	Day : 3	4.3	534	25	15
0716_03	250 ppm	Day : 23	4.4	308	20	13
0717_03	250 ppm	Day : 3	4.5	556	23	11
0717_03	250 ppm	Day : 23	4.5	322	29	11
0718_03	250 ppm	Day : 3	4.4	552	27	11
0718_03	250 ppm	Day : 23	4.3	308	20	12
0719_03	250 ppm	Day : 3	4.5	576	27	15
0719_03	250 ppm	Day : 23	4.7	366	21	12
0720_03	250 ppm	Day : 3	4.6	578	28	17
0720_03	250 ppm	Day : 23	4.8	300	22	16
0901_03	500 ppm	Day : 93	5.4	163	40	14
0902_03	500 ppm	Day : 93	5.1	191	38	12
0903_03	500 ppm	Day : 93	5.3	168	28	15
0904_03	500 ppm	Day : 93	5.4	180	70	19
0905_03	500 ppm	Day : 93	5.2	176	42	15
0906_03	500 ppm	Day : 93	5.4	192	33	17
0907_03	500 ppm	Day : 93	5.2	189	23	12
0908_03	500 ppm	Day : 93	5.1	210	47	13
0909_03	500 ppm	Day : 93	5.4	162	52	25
0910_03	500 ppm	Day : 93	5.5	163	38	15

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
0910_03	500 ppm	Day : 93	5.5	163	38	15
0911_03	500 ppm	Day : 3	4.3	495	19	13
0911_03	500 ppm	Day : 23	4.6	281	14	13
0912_03	500 ppm	Day : 3	4.2	530	19	14
0912_03	500 ppm	Day : 23	4.5	320	20	13
0913_03	500 ppm	Day : 3	4.2	596	25	14
0913_03	500 ppm	Day : 23	4.3	354	17	17
0914_03	500 ppm	Day : 3	4.3	570	23	15
0914_03	500 ppm	Day : 23	4.5	346	15	13
0915_03	500 ppm	Day : 3	4.2	472	45	21
0915_03	500 ppm	Day : 23	4.4	296	23	15
0916_03	500 ppm	Day : 3	4.5	531	25	14
0916_03	500 ppm	Day : 23	4.6	310	18	12
0917_03	500 ppm	Day : 3	4.4	473	23	14
0917_03	500 ppm	Day : 23	4.5	345	19	13
0918_03	500 ppm	Day : 3	4.3	537	22	14
0918_03	500 ppm	Day : 23	4.5	288	13	12
0919_03	500 ppm	Day : 3	4.5	519	28	15
0919_03	500 ppm	Day : 23	4.6	326	15	12
0920_03	500 ppm	Day : 3	4.3	562	24	13
0920_03	500 ppm	Day : 23	4.6	277	18	13
1101_03	1000 ppm	Day : 93	5.3	154	35	28

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
1102_03	1000 ppm	Day : 93	5.3	168	24	13
1103_03	1000 ppm	Day : 93	5.1	236	76	74
1104_03	1000 ppm	Day : 93	5.2	186	19	29
1105_03	1000 ppm	Day : 93	5.3	178	34	17
1106_03	1000 ppm	Day : 93	5.5	175	28	19
1107_03	1000 ppm	Day : 93	5.4	162	25	23
1108_03	1000 ppm	Day : 93	4.9	204	24	13
1109_03	1000 ppm	Day : 93	5.3	222	77	56
1110_03	1000 ppm	Day : 93	5	181	29	35
1111_03	1000 ppm	Day : 3	4.4	458	24	19
1111_03	1000 ppm	Day : 23	4.3	351	62	37
1112_03	1000 ppm	Day : 3	4.2	512	19	19
1112_03	1000 ppm	Day : 23	4.6	349	14	11
1113_03	1000 ppm	Day : 3	4.4	524	20	14
1113_03	1000 ppm	Day : 23	4.5	345	13	11
1114_03	1000 ppm	Day : 3	4.3	548	18	17
1114_03	1000 ppm	Day : 23	4.6	340	13	21
1115_03	1000 ppm	Day : 3	4.2	543	16	14
1115_03	1000 ppm	Day : 23	4.7	402	11	10
1116_03	1000 ppm	Day : 3	4.3	537	18	19
1116_03	1000 ppm	Day : 23	4.7	322	14	13
1117_03	1000 ppm	Day : 3	4.4	490	18	15

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:52

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
1117_03	1000 ppm	Day : 3	4.4	490	18	15
1117_03	1000 ppm	Day : 23	4.5	319	13	16
1118_03	1000 ppm	Day : 3	4.5	470	21	12
1118_03	1000 ppm	Day : 23	4.5	290	36	31
1119_03	1000 ppm	Day : 3	4.3	518	15	12
1119_03	1000 ppm	Day : 23	4.4	319	13	23
1120_03	1000 ppm	Day : 3	4.3	554	18	12
1120_03	1000 ppm	Day : 23	4.5	333	14	19

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:52

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
0101_03	0 ppm	Day : 93	15	247	0.8	7.7
0102_03	0 ppm	Day : 93	17	190	0.7	7
0103_03	0 ppm	Day : 93	17	132	0.8	7.2
0104_03	0 ppm	Day : 93	16	207	0.6	7.6
0105_03	0 ppm	Day : 93	18	179	0.7	7.7
0106_03	0 ppm	Day : 93	15	83	0.7	7.4
0107_03	0 ppm	Day : 93	18	126	0.7	7.3
0108_03	0 ppm	Day : 93	15	220	0.6	7.2
0109_03	0 ppm	Day : 93	15	280	0.7	7.3
0110_03	0 ppm	Day : 93	16	121	0.7	7.5
0111_03	0 ppm	Day : 3	11	243	0.2	5.9
0111_03	0 ppm	Day : 23	14	267	0.2	6.1
0112_03	0 ppm	Day : 3	11	2313	0.3	6.1
0112_03	0 ppm	Day : 23	12	238	0.2	6.3
0113_03	0 ppm	Day : 3	12	309	0.3	6.1
0113_03	0 ppm	Day : 23	11	3209	0.2	6
0114_03	0 ppm	Day : 3	12	329	0.3	6.3
0114_03	0 ppm	Day : 23	13	230	0.2	6
0115_03	0 ppm	Day : 3	11	441	0.3	6.2
0115_03	0 ppm	Day : 23	10	430	0.4	6.2
0116_03	0 ppm	Day : 3	11	306	0.3	6.3
0116_03	0 ppm	Day : 23	11	313	0.2	6.1

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:52

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
0117_03	0 ppm	Day : 3	9	555	0.2	6
0117_03	0 ppm	Day : 23	11	376	0.3	6.5
0118_03	0 ppm	Day : 3	9	361	0.2	6
0118_03	0 ppm	Day : 23	12	257	0.2	6.3
0119_03	0 ppm	Day : 3	8	476	0.3	6.1
0119_03	0 ppm	Day : 23	11	224	0.2	6.2
0120_03	0 ppm	Day : 3	9	340	0.3	5.8
0120_03	0 ppm	Day : 23	11	231	0.3	6.3
0301_03	62.5 ppm	Day : 93	18	125	0.7	7.5
0302_03	62.5 ppm	Day : 93	14	164	0.6	7.5
0303_03	62.5 ppm	Day : 93	17	247	0.7	7.5
0304_03	62.5 ppm	Day : 93	19	180	0.7	7.3
0305_03	62.5 ppm	Day : 93	15	165	0.7	7
0306_03	62.5 ppm	Day : 93	18	186	0.7	7.3
0307_03	62.5 ppm	Day : 93	17	1201	0.7	7
0308_03	62.5 ppm	Day : 93	18	195	0.7	7.7
0309_03	62.5 ppm	Day : 93	14	223	0.7	7.1
0310_03	62.5 ppm	Day : 93	20	155	0.7	7.6
0311_03	62.5 ppm	Day : 3	11	228	0.3	5.8
0311_03	62.5 ppm	Day : 23	12	354	0.3	6.3
0312_03	62.5 ppm	Day : 3	10	747	0.2	5.5
0312_03	62.5 ppm	Day : 23	13	400	0.3	6.3

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:52

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
0313_03	62.5 ppm	Day : 3	11	348	0.2	5.6
0313_03	62.5 ppm	Day : 23	12	324	0.3	6.1
0314_03	62.5 ppm	Day : 3	11	249	0.3	5.8
0314_03	62.5 ppm	Day : 23	11	238	0.3	6.1
0315_03	62.5 ppm	Day : 3	9	265	0.2	6
0315_03	62.5 ppm	Day : 23	10	422	0.3	6
0316_03	62.5 ppm	Day : 3	12	284	0.2	5.7
0316_03	62.5 ppm	Day : 23	11	324	0.3	6.3
0317_03	62.5 ppm	Day : 3	8	302	0.3	5.7
0317_03	62.5 ppm	Day : 23	11	209	0.3	6
0318_03	62.5 ppm	Day : 3	10	306	0.3	6
0318_03	62.5 ppm	Day : 23	11	265	0.2	6
0319_03	62.5 ppm	Day : 3	13	305	0.3	6.1
0319_03	62.5 ppm	Day : 23	11	454	0.2	5.9
0320_03	62.5 ppm	Day : 3	9	257	0.2	6
0320_03	62.5 ppm	Day : 23	12	319	0.2	6.2
0501_03	125 ppm	Day : 93	16	197	0.6	7.2
0502_03	125 ppm	Day : 93	18	280	0.6	6.9
0503_03	125 ppm	Day : 93	13	135	0.7	7.7
0504_03	125 ppm	Day : 93	15	252	0.7	7.8
0505_03	125 ppm	Day : 93	16	502	0.7	7.5
0506_03	125 ppm	Day : 93	14	138	0.7	6.9

Experiment Number: 20011-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 12:58:52

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
0507_03	125 ppm	Day : 93	15	277	0.7	6.9
0508_03	125 ppm	Day : 93	16	84	0.7	7.8
0509_03	125 ppm	Day : 93	16	214	0.7	7.1
0510_03	125 ppm	Day : 93	16	182	0.7	7.4
0511_03	125 ppm	Day : 3	7	321	0.3	5.9
0511_03	125 ppm	Day : 23	13	199	0.3	7
0512_03	125 ppm	Day : 3	8	1069	0.2	6
0512_03	125 ppm	Day : 23	11	439	0.3	6.2
0513_03	125 ppm	Day : 3	10	210	0.3	6.1
0513_03	125 ppm	Day : 23	12	316	0.3	6.2
0514_03	125 ppm	Day : 3	7	304	0.3	5.5
0514_03	125 ppm	Day : 23	12	371	0.3	6.4
0515_03	125 ppm	Day : 3	9	470	0.3	5.8
0515_03	125 ppm	Day : 23	12	406	0.2	6.3
0516_03	125 ppm	Day : 3	10	410	0.2	5.9
0516_03	125 ppm	Day : 23	13	401	0.2	6.4
0517_03	125 ppm	Day : 3	11	296	0.3	6.1
0517_03	125 ppm	Day : 23	10	342	0.3	6.1
0518_03	125 ppm	Day : 3	11	326	0.3	5.8
0518_03	125 ppm	Day : 23	10	259	0.3	6
0519_03	125 ppm	Day : 3	8	312	0.3	5.6
0519_03	125 ppm	Day : 23	11	241	0.3	6.1

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:52

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
0520_03	125 ppm	Day : 3	8	283	0.2	6
0520_03	125 ppm	Day : 23	11	370	0.3	6.3
0701_03	250 ppm	Day : 93	16	166	0.7	7.2
0702_03	250 ppm	Day : 93	13	296	0.7	7.1
0703_03	250 ppm	Day : 93	16	149	0.7	7.4
0704_03	250 ppm	Day : 93	18	304	0.7	7.3
0705_03	250 ppm	Day : 93	16	107	0.7	7.2
0706_03	250 ppm	Day : 93	15	115	0.7	6.9
0707_03	250 ppm	Day : 93	18	114	0.7	7.6
0708_03	250 ppm	Day : 93	17	132	0.7	7.2
0709_03	250 ppm	Day : 93	16	119	0.6	6.7
0710_03	250 ppm	Day : 93	19	174	0.6	7.9
0711_03	250 ppm	Day : 3	10	275	0.3	5.9
0711_03	250 ppm	Day : 23	11	459	0.3	6.1
0712_03	250 ppm	Day : 3	10	394	0.2	5.3
0712_03	250 ppm	Day : 23	11	562	0.3	6.2
0713_03	250 ppm	Day : 3	9	319	0.3	5.7
0713_03	250 ppm	Day : 23	11	296	0.3	6.1
0714_03	250 ppm	Day : 3	9	309	0.2	5.6
0714_03	250 ppm	Day : 23	11	246	0.3	6.2
0715_03	250 ppm	Day : 3	13	389	0.3	5.8
0715_03	250 ppm	Day : 23	12	768	0.2	6

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
0716_03	250 ppm	Day : 3	10	233	0.2	5.7
0716_03	250 ppm	Day : 23	11	348	0.3	6.1
0717_03	250 ppm	Day : 3	9	290	0.3	5.9
0717_03	250 ppm	Day : 23	11	278	0.3	6.1
0718_03	250 ppm	Day : 3	11	407	0.3	5.9
0718_03	250 ppm	Day : 23	12	537	0.3	6
0719_03	250 ppm	Day : 3	11	266	0.3	6
0719_03	250 ppm	Day : 23	12	317	0.3	6.5
0720_03	250 ppm	Day : 3	10	500	0.3	6.1
0720_03	250 ppm	Day : 23	11	176	0.2	6.5
0901_03	500 ppm	Day : 93	15	274	0.6	7.7
0902_03	500 ppm	Day : 93	16	318	0.7	7.2
0903_03	500 ppm	Day : 93	18	107	0.7	7.5
0904_03	500 ppm	Day : 93	17	137	0.7	7.6
0905_03	500 ppm	Day : 93	17	141	0.6	7.2
0906_03	500 ppm	Day : 93	18	96	0.6	7.8
0907_03	500 ppm	Day : 93	17	184	0.6	7.4
0908_03	500 ppm	Day : 93	16	168	0.7	7.2
0909_03	500 ppm	Day : 93	16	403	0.5	7
0910_03	500 ppm	Day : 93	19	87	0.6	7.8
0911_03	500 ppm	Day : 3	10	202	0.2	5.8
0911_03	500 ppm	Day : 23	12	388	0.3	6.4

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:53

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
0912_03	500 ppm	Day : 3	13	222	0.2	5.7
0912_03	500 ppm	Day : 23	13	245	0.3	6.3
0913_03	500 ppm	Day : 3	12	400	0.3	5.5
0913_03	500 ppm	Day : 23	13	352	0.3	5.9
0914_03	500 ppm	Day : 3	14	293	0.3	5.5
0914_03	500 ppm	Day : 23	13	269	0.3	6.1
0915_03	500 ppm	Day : 3	11	223	0.3	5.7
0915_03	500 ppm	Day : 23	14	309	0.2	5.9
0916_03	500 ppm	Day : 3	14	477	0.3	5.8
0916_03	500 ppm	Day : 23	14	377	0.3	6.3
0917_03	500 ppm	Day : 3	13	270	0.3	5.9
0917_03	500 ppm	Day : 23	12	348	0.3	6.1
0918_03	500 ppm	Day : 3	12	394	0.3	5.6
0918_03	500 ppm	Day : 23	12	298	0.3	6.2
0919_03	500 ppm	Day : 3	13	313	0.3	5.9
0919_03	500 ppm	Day : 23	13	236	0.4	6.4
0920_03	500 ppm	Day : 3	12	231	0.3	5.8
0920_03	500 ppm	Day : 23	12	283	0.3	6.5
1101_03	1000 ppm	Day : 93	12	87	0.7	7.5
1102_03	1000 ppm	Day : 93	13	153	0.6	7.5
1103_03	1000 ppm	Day : 93	17	128	0.8	7.2
1104_03	1000 ppm	Day : 93	15	145	0.8	7.3

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:53

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
1105_03	1000 ppm	Day : 93	16	323	0.6	7.6
1106_03	1000 ppm	Day : 93	14	90	0.7	7.7
1107_03	1000 ppm	Day : 93	14	207	0.8	7.8
1108_03	1000 ppm	Day : 93	16	160	0.7	7
1109_03	1000 ppm	Day : 93	16	118	0.7	7.4
1110_03	1000 ppm	Day : 93	15	163	0.7	7
1111_03	1000 ppm	Day : 3	12	187	0.3	5.9
1111_03	1000 ppm	Day : 23	16	358	0.3	5.8
1112_03	1000 ppm	Day : 3	15	206	0.3	5.4
1112_03	1000 ppm	Day : 23	16	228	0.4	6.1
1113_03	1000 ppm	Day : 3	15	233	0.3	5.8
1113_03	1000 ppm	Day : 23	16	316	0.4	6
1114_03	1000 ppm	Day : 3	14	252	0.4	5.7
1114_03	1000 ppm	Day : 23	17	298	0.3	6.4
1115_03	1000 ppm	Day : 3	16	199	0.3	5.5
1115_03	1000 ppm	Day : 23	17	342	0.4	6.2
1116_03	1000 ppm	Day : 3	14	242	0.3	5.9
1116_03	1000 ppm	Day : 23	16	245	0.4	6.5
1117_03	1000 ppm	Day : 3	15	213	0.3	5.6
1117_03	1000 ppm	Day : 23	19	241	0.4	6
1118_03	1000 ppm	Day : 3	14	267	0.3	5.8
1118_03	1000 ppm	Day : 23	16	227	0.3	6

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:53

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
1119_03	1000 ppm	Day : 3	14	162	0.3	5.7
1119_03	1000 ppm	Day : 23	17	390	0.4	6
1120_03	1000 ppm	Day : 3	16	208	0.3	5.5
1120_03	1000 ppm	Day : 23	16	313	0.4	6.1

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:53

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0101_03	0 ppm	Day : 93	27.5
0102_03	0 ppm	Day : 93	20.1
0103_03	0 ppm	Day : 93	18.8
0104_03	0 ppm	Day : 93	18.5
0105_03	0 ppm	Day : 93	20.2
0106_03	0 ppm	Day : 93	17.2
0107_03	0 ppm	Day : 93	21.4
0108_03	0 ppm	Day : 93	17.8
0109_03	0 ppm	Day : 93	19.4
0110_03	0 ppm	Day : 93	14
0111_03	0 ppm	Day : 3	
0111_03	0 ppm	Day : 23	14.8
0112_03	0 ppm	Day : 3	
0112_03	0 ppm	Day : 23	18.2
0113_03	0 ppm	Day : 3	
0113_03	0 ppm	Day : 23	13.5
0114_03	0 ppm	Day : 3	
0114_03	0 ppm	Day : 23	18.3
0115_03	0 ppm	Day : 3	
0115_03	0 ppm	Day : 23	17.1
0116_03	0 ppm	Day : 3	
0116_03	0 ppm	Day : 23	15.7

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:53

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0117_03	0 ppm	Day : 3	
0117_03	0 ppm	Day : 23	14.9
0118_03	0 ppm	Day : 3	
0118_03	0 ppm	Day : 23	16.6
0119_03	0 ppm	Day : 3	
0119_03	0 ppm	Day : 23	15.9
0120_03	0 ppm	Day : 3	
0120_03	0 ppm	Day : 23	17.6
0301_03	62.5 ppm	Day : 93	19.7
0302_03	62.5 ppm	Day : 93	18.3
0303_03	62.5 ppm	Day : 93	17.3
0304_03	62.5 ppm	Day : 93	15.5
0305_03	62.5 ppm	Day : 93	16.8
0306_03	62.5 ppm	Day : 93	16.8
0307_03	62.5 ppm	Day : 93	12.8
0308_03	62.5 ppm	Day : 93	21.7
0309_03	62.5 ppm	Day : 93	17.9
0310_03	62.5 ppm	Day : 93	20.8
0311_03	62.5 ppm	Day : 3	
0311_03	62.5 ppm	Day : 23	18.1
0312_03	62.5 ppm	Day : 3	
0312_03	62.5 ppm	Day : 23	19.5

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:53

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0313_03	62.5 ppm	Day : 3	
0313_03	62.5 ppm	Day : 23	14.9
0314_03	62.5 ppm	Day : 3	
0314_03	62.5 ppm	Day : 23	16.8
0315_03	62.5 ppm	Day : 3	
0315_03	62.5 ppm	Day : 23	15.8
0316_03	62.5 ppm	Day : 3	
0316_03	62.5 ppm	Day : 23	16.4
0317_03	62.5 ppm	Day : 3	
0317_03	62.5 ppm	Day : 23	16.3
0318_03	62.5 ppm	Day : 3	
0318_03	62.5 ppm	Day : 23	18.7
0319_03	62.5 ppm	Day : 3	
0319_03	62.5 ppm	Day : 23	14.9
0320_03	62.5 ppm	Day : 3	
0320_03	62.5 ppm	Day : 23	16.2
0501_03	125 ppm	Day : 93	23
0502_03	125 ppm	Day : 93	15.9
0503_03	125 ppm	Day : 93	17.1
0504_03	125 ppm	Day : 93	16.9
0505_03	125 ppm	Day : 93	16.3
0506_03	125 ppm	Day : 93	15.6

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:53

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0507_03	125 ppm	Day : 93	16.9
0508_03	125 ppm	Day : 93	19.1
0509_03	125 ppm	Day : 93	23.3
0510_03	125 ppm	Day : 93	14.6
0511_03	125 ppm	Day : 3	
0511_03	125 ppm	Day : 23	20.5
0512_03	125 ppm	Day : 3	
0512_03	125 ppm	Day : 23	12.2
0513_03	125 ppm	Day : 3	
0513_03	125 ppm	Day : 23	16.6
0514_03	125 ppm	Day : 3	
0514_03	125 ppm	Day : 23	16.6
0515_03	125 ppm	Day : 3	
0515_03	125 ppm	Day : 23	11.0
0516_03	125 ppm	Day : 3	
0516_03	125 ppm	Day : 23	13.7
0517_03	125 ppm	Day : 3	
0517_03	125 ppm	Day : 23	15.0
0518_03	125 ppm	Day : 3	
0518_03	125 ppm	Day : 23	16.5
0519_03	125 ppm	Day : 3	
0519_03	125 ppm	Day : 23	16.2

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:53

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0520_03	125 ppm	Day : 3	
0520_03	125 ppm	Day : 23	13.7
0701_03	250 ppm	Day : 93	17.2
0702_03	250 ppm	Day : 93	16.7
0703_03	250 ppm	Day : 93	20.2
0704_03	250 ppm	Day : 93	17.8
0705_03	250 ppm	Day : 93	16.3
0706_03	250 ppm	Day : 93	19.9
0707_03	250 ppm	Day : 93	17.7
0708_03	250 ppm	Day : 93	17.6
0709_03	250 ppm	Day : 93	14.1
0710_03	250 ppm	Day : 93	17.7
0711_03	250 ppm	Day : 3	
0711_03	250 ppm	Day : 23	9.3
0712_03	250 ppm	Day : 3	
0712_03	250 ppm	Day : 23	13.8
0713_03	250 ppm	Day : 3	
0713_03	250 ppm	Day : 23	16.0
0714_03	250 ppm	Day : 3	
0714_03	250 ppm	Day : 23	12.4
0715_03	250 ppm	Day : 3	
0715_03	250 ppm	Day : 23	13.5

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:53

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0716_03	250 ppm	Day : 3	
0716_03	250 ppm	Day : 23	13.0
0717_03	250 ppm	Day : 3	
0717_03	250 ppm	Day : 23	25.4
0718_03	250 ppm	Day : 3	
0718_03	250 ppm	Day : 23	7.3
0719_03	250 ppm	Day : 3	
0719_03	250 ppm	Day : 23	17.7
0720_03	250 ppm	Day : 3	
0720_03	250 ppm	Day : 23	16.4
0901_03	500 ppm	Day : 93	17
0902_03	500 ppm	Day : 93	19.6
0903_03	500 ppm	Day : 93	14.4
0904_03	500 ppm	Day : 93	21.9
0905_03	500 ppm	Day : 93	16
0906_03	500 ppm	Day : 93	16.2
0907_03	500 ppm	Day : 93	13.5
0908_03	500 ppm	Day : 93	17.7
0909_03	500 ppm	Day : 93	22.7
0910_03	500 ppm	Day : 93	16
0911_03	500 ppm	Day : 3	
0911_03	500 ppm	Day : 23	16.0

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:53

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0912_03	500 ppm	Day : 3	
0912_03	500 ppm	Day : 23	16.2
0913_03	500 ppm	Day : 3	
0913_03	500 ppm	Day : 23	13.4
0914_03	500 ppm	Day : 3	
0914_03	500 ppm	Day : 23	18.1
0915_03	500 ppm	Day : 3	
0915_03	500 ppm	Day : 23	17.5
0916_03	500 ppm	Day : 3	
0916_03	500 ppm	Day : 23	15.4
0917_03	500 ppm	Day : 3	
0917_03	500 ppm	Day : 23	13.1
0918_03	500 ppm	Day : 3	
0918_03	500 ppm	Day : 23	14.4
0919_03	500 ppm	Day : 3	
0919_03	500 ppm	Day : 23	15.0
0920_03	500 ppm	Day : 3	
0920_03	500 ppm	Day : 23	16.6
1101_03	1000 ppm	Day : 93	79
1102_03	1000 ppm	Day : 93	21.6
1103_03	1000 ppm	Day : 93	315
1104_03	1000 ppm	Day : 93	22.3

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:53

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
1105_03	1000 ppm	Day : 93	20.3
1106_03	1000 ppm	Day : 93	44.3
1107_03	1000 ppm	Day : 93	44.2
1108_03	1000 ppm	Day : 93	26
1109_03	1000 ppm	Day : 93	238.7
1110_03	1000 ppm	Day : 93	61.8
1111_03	1000 ppm	Day : 3	
1111_03	1000 ppm	Day : 23	276.0
1112_03	1000 ppm	Day : 3	
1112_03	1000 ppm	Day : 23	41.4
1113_03	1000 ppm	Day : 3	
1113_03	1000 ppm	Day : 23	17.2
1114_03	1000 ppm	Day : 3	
1114_03	1000 ppm	Day : 23	18.2
1115_03	1000 ppm	Day : 3	
1115_03	1000 ppm	Day : 23	24.0
1116_03	1000 ppm	Day : 3	
1116_03	1000 ppm	Day : 23	23.1
1117_03	1000 ppm	Day : 3	
1117_03	1000 ppm	Day : 23	43.5
1118_03	1000 ppm	Day : 3	
1118_03	1000 ppm	Day : 23	171.5

Experiment Number: 20011-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:58:53

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
1119_03	1000 ppm	Day : 3	
1119_03	1000 ppm	Day : 23	21.1
1120_03	1000 ppm	Day : 3	
1120_03	1000 ppm	Day : 23	34.4

**** END OF REPORT ****