

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:56

First Dose M/F: NA / NA

Lab: NA

C Number: C93026

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:56

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0001_05	0 ppm	Day : 93	4.9	2.9	301	54
0002_05	0 ppm	Day : 93	4.7	2.1	320	92
0003_05	0 ppm	Day : 93	4.1	1.4	326	59
0004_05	0 ppm	Day : 93	4	1.5	308	62
0005_05	0 ppm	Day : 93	4.3	1.7	302	63
0006_05	0 ppm	Day : 93	4.6	1.8	331	57
0007_05	0 ppm	Day : 93	4.3	1.8	342	64
0008_05	0 ppm	Day : 93	4.4	1.8	370	66
0009_05	0 ppm	Day : 93	4.5	2	330	67
0010_05	0 ppm	Day : 93	4.3	2	325	71
0011_05	0 ppm	Day : 3	3.2	1.3	835	60
0011_05	0 ppm	Day : 23	4	1.8	506	52
0012_05	0 ppm	Day : 3	3.4	1.4	814	56
0012_05	0 ppm	Day : 23	3.6	1.5	549	49
0013_05	0 ppm	Day : 3	3.4	1.5	813	68
0013_05	0 ppm	Day : 23	4	1.5	521	60
0014_05	0 ppm	Day : 3	3.6	1.7	815	66
0014_05	0 ppm	Day : 23	3.9	2.2	541	52
0015_05	0 ppm	Day : 3	3.4	1.5	778	58
0015_05	0 ppm	Day : 23	3.7	1.3	467	52
0016_05	0 ppm	Day : 3	3.4	1.5	763	62
0016_05	0 ppm	Day : 23	4.1	1.6	502	50

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:56

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0017_05	0 ppm	Day : 3	3.5	1.7	786	53
0017_05	0 ppm	Day : 23	3.9	1.4	457	55
0018_05	0 ppm	Day : 3	3.1	1.2	831	59
0018_05	0 ppm	Day : 23	3.9	1.9	534	48
0019_05	0 ppm	Day : 3	3.6	1.6	675	56
0019_05	0 ppm	Day : 23	3.8	1.7	447	42
0020_05	0 ppm	Day : 3	3.8	1.9	738	57
0020_05	0 ppm	Day : 23	3.9	1.6	500	46
0201_05	25 ppm	Day : 93	4.6	2.3	292	48
0202_05	25 ppm	Day : 93	4.3	1.9	333	62
0203_05	25 ppm	Day : 93	4.3	1.7	363	63
0204_05	25 ppm	Day : 93	4.6	1.8	313	68
0205_05	25 ppm	Day : 93	4.5	1.9	310	68
0206_05	25 ppm	Day : 93	4.6	1.8	352	61
0207_05	25 ppm	Day : 93	4.2	1.8	277	45
0208_05	25 ppm	Day : 93	4.4	1.9	281	62
0209_05	25 ppm	Day : 93	4.5	1.9	322	68
0210_05	25 ppm	Day : 93	4.2	1.9	293	58
0211_05	25 ppm	Day : 3	3.5	1.8	756	66
0211_05	25 ppm	Day : 23	4	1.9	548	45
0212_05	25 ppm	Day : 3	3.4	1.4	763	60
0212_05	25 ppm	Day : 23	3.8	1.5	449	43

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:56

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0213_05	25 ppm	Day : 3	3.6	1.7	711	53
0213_05	25 ppm	Day : 23	4	1.7	495	44
0214_05	25 ppm	Day : 3	3.5	1.6	777	57
0214_05	25 ppm	Day : 23	3.6	1.3	494	92
0215_05	25 ppm	Day : 3	3.5	1.6	739	55
0215_05	25 ppm	Day : 23	4	1.8	467	38
0216_05	25 ppm	Day : 3	3.7	1.7	785	64
0216_05	25 ppm	Day : 23	4.3	2.3	467	48
0217_05	25 ppm	Day : 3	3.4	1.5	796	62
0217_05	25 ppm	Day : 23	4	1.7	479	44
0218_05	25 ppm	Day : 3	3.5	1.7	707	57
0218_05	25 ppm	Day : 23	3.9	1.5	542	49
0219_05	25 ppm	Day : 3	3.5	1.4	733	62
0219_05	25 ppm	Day : 23	4	1.7	445	38
0220_05	25 ppm	Day : 3	3.5	1.8	765	50
0220_05	25 ppm	Day : 23	3.8	1.5	469	45
0401_05	50 ppm	Day : 93	4.1	1.6	289	118
0402_05	50 ppm	Day : 93	4.5	2.1	376	62
0403_05	50 ppm	Day : 93	4.5	2.1	323	58
0404_05	50 ppm	Day : 93	4.3	1.8	362	55
0405_05	50 ppm	Day : 93	4.6	2.2	355	74
0406_05	50 ppm	Day : 93	4.3	1.7	349	65

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:56

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0407_05	50 ppm	Day : 93	4.3	1.9	288	58
0408_05	50 ppm	Day : 93	4.7	2.1	345	67
0409_05	50 ppm	Day : 93	4.3	1.8	307	75
0410_05	50 ppm	Day : 93	4.2	1.5	354	53
0411_05	50 ppm	Day : 3	3.4	1.6	720	63
0411_05	50 ppm	Day : 23	3.9	1.8	551	43
0412_05	50 ppm	Day : 3	3.1	1.3	771	56
0412_05	50 ppm	Day : 23	3.8	1.5	422	39
0413_05	50 ppm	Day : 3	3.6	1.4	646	50
0413_05	50 ppm	Day : 23	3.9	1.5	470	52
0414_05	50 ppm	Day : 3	3.5	1.6	677	49
0414_05	50 ppm	Day : 23	3.2	1.3	438	70
0415_05	50 ppm	Day : 3	3.6	1.6	678	54
0415_05	50 ppm	Day : 23	4.3	2.2	455	41
0416_05	50 ppm	Day : 3	3.4	1.5	811	53
0416_05	50 ppm	Day : 23	3.9	1.6	445	39
0417_05	50 ppm	Day : 3	3.4	1.5	778	55
0417_05	50 ppm	Day : 23	4.1	1.6	489	42
0418_05	50 ppm	Day : 3	3.6	1.6	676	53
0418_05	50 ppm	Day : 23	3.8	1.6	430	33
0419_05	50 ppm	Day : 3	3.5	1.6	769	54
0419_05	50 ppm	Day : 23	4	1.5	482	43

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:56

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0420_05	50 ppm	Day : 3	3.2	1.6	791	55
0420_05	50 ppm	Day : 23	3.9	1.6	560	44
0601_05	100 ppm	Day : 93	4.1	1.6	291	60
0602_05	100 ppm	Day : 93	4	1.5	301	59
0603_05	100 ppm	Day : 93	4.2	1.7	308	56
0604_05	100 ppm	Day : 93	4.6	2.1	319	74
0605_05	100 ppm	Day : 93	3.9	1.3	369	54
0606_05	100 ppm	Day : 93	4.1	1.5	337	60
0607_05	100 ppm	Day : 93	4.2	1.7	353	58
0608_05	100 ppm	Day : 93	4.1	1.9	284	53
0609_05	100 ppm	Day : 93	4.2	1.8	341	51
0610_05	100 ppm	Day : 93	4.1	1.5	292	61
0611_05	100 ppm	Day : 3	3.3	1.8	776	54
0611_05	100 ppm	Day : 23	4	2.2	403	33
0612_05	100 ppm	Day : 3	3.4	1.6	739	55
0612_05	100 ppm	Day : 23	3.8	1.4	437	32
0613_05	100 ppm	Day : 3	3.7	2.2	738	52
0613_05	100 ppm	Day : 23	3.9	1.7	470	37
0614_05	100 ppm	Day : 3	3.6	1.9	717	52
0614_05	100 ppm	Day : 23	3.7	1.3	472	37
0615_05	100 ppm	Day : 3	3.2	1.2	737	49
0615_05	100 ppm	Day : 23	3.7	1.4	513	36

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:56

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0616_05	100 ppm	Day : 3	3.7	1.5	715	52
0616_05	100 ppm	Day : 23	4	1.7	425	41
0617_05	100 ppm	Day : 3	3.5	1.7	812	54
0617_05	100 ppm	Day : 23	3.7	1.4	489	38
0618_05	100 ppm	Day : 3	3.2	1.4	722	50
0618_05	100 ppm	Day : 23	3.8	1.5	416	30
0619_05	100 ppm	Day : 3	3.8	1.7	727	64
0619_05	100 ppm	Day : 23	3.8	1.5	447	38
0620_05	100 ppm	Day : 3	3.2	1.4	817	61
0620_05	100 ppm	Day : 23	3.8	1.5	459	37
0801_05	200 ppm	Day : 93	4.2	1.6	314	44
0802_05	200 ppm	Day : 93	4.3	1.7	296	50
0803_05	200 ppm	Day : 93	4.4	1.9	261	49
0804_05	200 ppm	Day : 93	4.4	2	259	44
0805_05	200 ppm	Day : 93	4.5	1.7	299	40
0806_05	200 ppm	Day : 93	4.4	1.6	316	39
0807_05	200 ppm	Day : 93	4	1.5	302	50
0808_05	200 ppm	Day : 93	4.8	2.4	366	69
0809_05	200 ppm	Day : 93	4.4	2	302	53
0810_05	200 ppm	Day : 93	4.1	1.5	313	53
0811_05	200 ppm	Day : 3	3.7	1.9	623	53
0811_05	200 ppm	Day : 23	3.8	1.5	425	33

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:56

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0812_05	200 ppm	Day : 3	3.4	1.7	748	56
0812_05	200 ppm	Day : 23	4	1.7	452	41
0813_05	200 ppm	Day : 3	3.7	2.1	688	53
0813_05	200 ppm	Day : 23	3.7	1.4	422	32
0814_05	200 ppm	Day : 3	3.4	1.6	704	48
0814_05	200 ppm	Day : 23	3.8	1.6	424	35
0815_05	200 ppm	Day : 3	3.2	1.1	696	51
0815_05	200 ppm	Day : 23	3.9	1.7	473	34
0816_05	200 ppm	Day : 3	3.6	1.7	724	50
0816_05	200 ppm	Day : 23	3.7	1.4	497	39
0817_05	200 ppm	Day : 3	3.6	1.6	761	53
0817_05	200 ppm	Day : 23	4	1.7	427	43
0818_05	200 ppm	Day : 3	3.5	1.7	611	52
0818_05	200 ppm	Day : 23	4.5	2.1	438	33
0819_05	200 ppm	Day : 3	3.4	1.5	646	51
0819_05	200 ppm	Day : 23	3.8	1.5	456	33
0820_05	200 ppm	Day : 3	3.5	1.6	682	60
0820_05	200 ppm	Day : 23	3.7	1.4	478	41
1001_05	400 ppm	Day : 93	4.3	1.6	311	49
1002_05	400 ppm	Day : 93	3.9	1.4	308	44
1003_05	400 ppm	Day : 93	4.3	1.7	297	45
1004_05	400 ppm	Day : 93	4.3	1.7	293	41

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
1005_05	400 ppm	Day : 93	4.4	1.8	316	62
1006_05	400 ppm	Day : 93	4.7	1.9	277	42
1007_05	400 ppm	Day : 93	4.8	2	327	48
1008_05	400 ppm	Day : 93	4.6	1.6	295	51
1009_05	400 ppm	Day : 93	4.4	1.7	253	43
1010_05	400 ppm	Day : 93	4.2	1.9	320	47
1011_05	400 ppm	Day : 3	3.5	1.3	766	52
1011_05	400 ppm	Day : 23	3.8	1.3	470	32
1012_05	400 ppm	Day : 3	3.7	1.7	760	53
1012_05	400 ppm	Day : 23	4	1.7	445	34
1013_05	400 ppm	Day : 3	3.6	1.6	729	60
1013_05	400 ppm	Day : 23	4.2	1.5	488	32
1014_05	400 ppm	Day : 3	3.4	1.4	677	55
1014_05	400 ppm	Day : 23	3.9	1.4	384	32
1015_05	400 ppm	Day : 3	3.7	1.5	689	51
1015_05	400 ppm	Day : 23	3.9	1.4	468	40
1016_05	400 ppm	Day : 3	3.6	1.5	706	56
1016_05	400 ppm	Day : 23	3.8	1.5	387	35
1017_05	400 ppm	Day : 3	3.5	1.3	720	57
1017_05	400 ppm	Day : 23	3.9	1.5	477	37
1018_05	400 ppm	Day : 3	3.5	1.6	682	53
1018_05	400 ppm	Day : 23	3.8	1.5	503	36

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
1019_05	400 ppm	Day : 3	3.6	1.6	666	54
1019_05	400 ppm	Day : 23	3.9	1.7	450	35
1020_05	400 ppm	Day : 3	3.2	1.5	699	52
1020_05	400 ppm	Day : 23	3.9	1.6	507	40

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0001_05	0 ppm	Day : 93	23.6	13	106	0.9
0002_05	0 ppm	Day : 93	25.2	13	116	0.9
0003_05	0 ppm	Day : 93	22.1	13	110	0.9
0004_05	0 ppm	Day : 93	23.6	13	148	0.8
0005_05	0 ppm	Day : 93	27	14	218	0.9
0006_05	0 ppm	Day : 93	18.7	13	164	0.8
0007_05	0 ppm	Day : 93	24.9	11	95	0.9
0008_05	0 ppm	Day : 93	25.6	16	252	1
0009_05	0 ppm	Day : 93	27.6	13	64	0.9
0010_05	0 ppm	Day : 93	25.3	14	178	0.9
0011_05	0 ppm	Day : 3	27.9	7	261	0.7
0011_05	0 ppm	Day : 23	27	10	493	0.8
0012_05	0 ppm	Day : 3	29.6	7	261	0.7
0012_05	0 ppm	Day : 23	25.7	10	274	0.8
0013_05	0 ppm	Day : 3	37.5	7	776	0.7
0013_05	0 ppm	Day : 23	57.1	11	1256	0.8
0014_05	0 ppm	Day : 3	27.8	9	302	0.6
0014_05	0 ppm	Day : 23	35.8	10	1264	0.7
0015_05	0 ppm	Day : 3	35.4	6	573	0.6
0015_05	0 ppm	Day : 23	38.3	12	454	0.8
0016_05	0 ppm	Day : 3	33.6	7	334	0.6
0016_05	0 ppm	Day : 23	35.3	10	579	0.8

Experiment Number: 93026-05

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0017_05	0 ppm	Day : 3	33.3	6	296	0.8
0017_05	0 ppm	Day : 23	65.4	11	1122	0.9
0018_05	0 ppm	Day : 3	28.2	8	344	0.7
0018_05	0 ppm	Day : 23	24.5	9	502	0.7
0019_05	0 ppm	Day : 3	32.7	10	317	0.7
0019_05	0 ppm	Day : 23	28.4	10	441	0.8
0020_05	0 ppm	Day : 3	30.5	8	261	0.6
0020_05	0 ppm	Day : 23	39.2	10	625	0.8
0201_05	25 ppm	Day : 93	28.2	14	97	1
0202_05	25 ppm	Day : 93	26.2	13	80	1
0203_05	25 ppm	Day : 93	25.9	15	269	1.1
0204_05	25 ppm	Day : 93	26.2	14	99	0.8
0205_05	25 ppm	Day : 93	20.2	13	157	0.8
0206_05	25 ppm	Day : 93	26.7	15	110	1
0207_05	25 ppm	Day : 93	21.8	14	86	0.8
0208_05	25 ppm	Day : 93	29.1	14	125	1
0209_05	25 ppm	Day : 93	29.9	15	75	1.1
0210_05	25 ppm	Day : 93	28.6	13	131	0.9
0211_05	25 ppm	Day : 3	36.6	8	395	0.7
0211_05	25 ppm	Day : 23	24.7	8	256	0.8
0212_05	25 ppm	Day : 3	41.1	9	210	0.7
0212_05	25 ppm	Day : 23	47.1	12	451	0.8

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0212_05	25 ppm	Day : 23	47.1	12	451	0.8
0213_05	25 ppm	Day : 3	37.3	10	553	0.6
0213_05	25 ppm	Day : 23	35.6	10	351	0.7
0214_05	25 ppm	Day : 3	36.8	7	388	0.7
0214_05	25 ppm	Day : 23	108.6	8	10730*	0.9
0215_05	25 ppm	Day : 3	32.6	9	233	0.7
0215_05	25 ppm	Day : 23	25.5	9	300	0.8
0216_05	25 ppm	Day : 3	40	8	216	0.7
0216_05	25 ppm	Day : 23	30.1	10	273	0.8
0217_05	25 ppm	Day : 3	43.9	10	765	0.7
0217_05	25 ppm	Day : 23	32.4	10	334	0.8
0218_05	25 ppm	Day : 3	24.8	8	295	0.7
0218_05	25 ppm	Day : 23	40.8	6	627	0.8
0219_05	25 ppm	Day : 3	60.8	9	527	0.7
0219_05	25 ppm	Day : 23	35.3	9	304	0.8
0220_05	25 ppm	Day : 3	38	8	287	0.7
0220_05	25 ppm	Day : 23	50.2	9	299	0.9
0401_05	50 ppm	Day : 93	36.3	15	411	0.8
0402_05	50 ppm	Day : 93	32.3	14	124	0.9
0403_05	50 ppm	Day : 93	29.8	15	66	0.9
0404_05	50 ppm	Day : 93	28.6	13	68	0.8
0405_05	50 ppm	Day : 93	33.1	15	138	1

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0406_05	50 ppm	Day : 93	28.5	14	318	1
0407_05	50 ppm	Day : 93	50.9	14	136	0.9
0408_05	50 ppm	Day : 93	24.6	15	393	0.9
0409_05	50 ppm	Day : 93	32.7	11	75	0.9
0410_05	50 ppm	Day : 93	28.6	14	138	1.1
0411_05	50 ppm	Day : 3	38.3	8	656	0.6
0411_05	50 ppm	Day : 23	38	10	264	0.8
0412_05	50 ppm	Day : 3	35.1	4	361	0.7
0412_05	50 ppm	Day : 23	33.5	8	280	0.7
0413_05	50 ppm	Day : 3	48.2	11	541	0.7
0413_05	50 ppm	Day : 23	52.9	8	2871	0.8
0414_05	50 ppm	Day : 3	32.8	6	241	0.7
0414_05	50 ppm	Day : 23		9	1582	
0415_05	50 ppm	Day : 3	51.9	12	511	0.7
0415_05	50 ppm	Day : 23	26.7	8	274	0.7
0416_05	50 ppm	Day : 3	38	8	218	0.7
0416_05	50 ppm	Day : 23	35.6	9	237	0.7
0417_05	50 ppm	Day : 3	40.7	7	477	0.6
0417_05	50 ppm	Day : 23	41.9	9	394	0.8
0418_05	50 ppm	Day : 3	36.8	8	316	0.7
0418_05	50 ppm	Day : 23	36.1	9	435	0.8
0419_05	50 ppm	Day : 3	40	7	237	0.6

Experiment Number: 93026-05

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0419_05	50 ppm	Day : 3	40	7	237	0.6
0419_05	50 ppm	Day : 23	64.1	11	607	0.8
0420_05	50 ppm	Day : 3	35.3	7	435	0.6
0420_05	50 ppm	Day : 23	14.3	8	604	0.7
0601_05	100 ppm	Day : 93	34.9	15	252	1
0602_05	100 ppm	Day : 93	28.3	13	94	0.8
0603_05	100 ppm	Day : 93	28.8	13	173	0.9
0604_05	100 ppm	Day : 93	33.5	16	92	1
0605_05	100 ppm	Day : 93	25.4	15	126	0.9
0606_05	100 ppm	Day : 93	30.8	16	62	1
0607_05	100 ppm	Day : 93	30.5	16	419	1
0608_05	100 ppm	Day : 93	27.2	15	205	1
0609_05	100 ppm	Day : 93	33	15	84	1
0610_05	100 ppm	Day : 93	36.1	15	127	1
0611_05	100 ppm	Day : 3	39	7	780	0.6
0611_05	100 ppm	Day : 23	39.5	7	256	0.7
0612_05	100 ppm	Day : 3	39.6	7	504	0.7
0612_05	100 ppm	Day : 23	39.4	8	468	0.7
0613_05	100 ppm	Day : 3	41.4	8	223	0.6
0613_05	100 ppm	Day : 23	45.5	9	799	0.8
0614_05	100 ppm	Day : 3	39.3	9	346	0.7
0614_05	100 ppm	Day : 23	28.5	8	455	0.8

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0615_05	100 ppm	Day : 3	39.7	7	276	0.7
0615_05	100 ppm	Day : 23	39.8	9	579	0.8
0616_05	100 ppm	Day : 3	40.7	10	321	0.7
0616_05	100 ppm	Day : 23	64.3	11	508	0.8
0617_05	100 ppm	Day : 3	40.4	8	239	0.7
0617_05	100 ppm	Day : 23	45.7	8	256	0.8
0618_05	100 ppm	Day : 3	36.1	8	262	0.7
0618_05	100 ppm	Day : 23	37.3	9	287	0.8
0619_05	100 ppm	Day : 3	54.4	11	429	0.8
0619_05	100 ppm	Day : 23	45.5	9	495	0.8
0620_05	100 ppm	Day : 3	52.2	9	300	0.7
0620_05	100 ppm	Day : 23	45.5	7	496	0.7
0801_05	200 ppm	Day : 93	26.9	15	150	1.1
0802_05	200 ppm	Day : 93	24.9	13	561	0.9
0803_05	200 ppm	Day : 93	38.7	15	78	0.9
0804_05	200 ppm	Day : 93	28.3	12	94	0.9
0805_05	200 ppm	Day : 93	23.2	13	176	1.1
0806_05	200 ppm	Day : 93	29.3	17	155	1.1
0807_05	200 ppm	Day : 93	25.3	14	120	0.8
0808_05	200 ppm	Day : 93	31.7	16	286	0.9
0809_05	200 ppm	Day : 93	30.9	14	126	1
0810_05	200 ppm	Day : 93	26.6	13	83	0.9

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0810_05	200 ppm	Day : 93	26.6	13	83	0.9
0811_05	200 ppm	Day : 3	36.8	10	314	0.6
0811_05	200 ppm	Day : 23	37.3	11	322	0.8
0812_05	200 ppm	Day : 3	37.1	6	242	0.7
0812_05	200 ppm	Day : 23	36.2	10	672	0.7
0813_05	200 ppm	Day : 3	39.5	8	210	0.7
0813_05	200 ppm	Day : 23	37.9	9	286	0.8
0814_05	200 ppm	Day : 3	33.5	9	317	0.6
0814_05	200 ppm	Day : 23	49.9	10	756	0.8
0815_05	200 ppm	Day : 3	38.9	9	251	0.7
0815_05	200 ppm	Day : 23	34.3	7	378	0.7
0816_05	200 ppm	Day : 3	52.7	10	280	0.7
0816_05	200 ppm	Day : 23	39.9	8	429	0.7
0817_05	200 ppm	Day : 3	40.5	8	390	0.7
0817_05	200 ppm	Day : 23	48.4	9	1093	0.8
0818_05	200 ppm	Day : 3	37.3	11	237	0.7
0818_05	200 ppm	Day : 23	44.2	9	364	0.8
0819_05	200 ppm	Day : 3	35.9	11	328	0.7
0819_05	200 ppm	Day : 23	36.9	9	202	0.8
0820_05	200 ppm	Day : 3	36	10	300	0.7
0820_05	200 ppm	Day : 23	42.4	9	447	0.7
1001_05	400 ppm	Day : 93	25.2	14	181	1

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
1002_05	400 ppm	Day : 93	26	13	137	0.9
1003_05	400 ppm	Day : 93	26	14	162	0.9
1004_05	400 ppm	Day : 93	27.5	14	106	1.1
1005_05	400 ppm	Day : 93	28	14	147	1
1006_05	400 ppm	Day : 93	43.8	12	84	1
1007_05	400 ppm	Day : 93	28.5	13	91	1
1008_05	400 ppm	Day : 93	25.5	14	175	1
1009_05	400 ppm	Day : 93	25.6	13	92	0.9
1010_05	400 ppm	Day : 93	28.9	14	211	0.9
1011_05	400 ppm	Day : 3	47.1	13	189	0.8
1011_05	400 ppm	Day : 23	40.5	9	210	0.8
1012_05	400 ppm	Day : 3	44.3	15	357	0.8
1012_05	400 ppm	Day : 23	53.2	10	479	0.8
1013_05	400 ppm	Day : 3	38.1	8	308	0.7
1013_05	400 ppm	Day : 23	38.4	12	219	0.8
1014_05	400 ppm	Day : 3	39.5	8	326	0.7
1014_05	400 ppm	Day : 23	36.7	10	400	0.8
1015_05	400 ppm	Day : 3	43.2	13	282	0.7
1015_05	400 ppm	Day : 23	42.7	11	214	0.8
1016_05	400 ppm	Day : 3	44.8	9	329	0.7
1016_05	400 ppm	Day : 23	42.2	9	203	0.7
1017_05	400 ppm	Day : 3	48.8	10	511	0.7

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
1017_05	400 ppm	Day : 3	48.8	10	511	0.7
1017_05	400 ppm	Day : 23	62.1	10	499	0.8
1018_05	400 ppm	Day : 3	38.1	12	487	0.7
1018_05	400 ppm	Day : 23	39.3	11	168	0.8
1019_05	400 ppm	Day : 3	40.4	11	376	0.7
1019_05	400 ppm	Day : 23	33.7	13	197	0.7
1020_05	400 ppm	Day : 3	45.5	9	247	0.6
1020_05	400 ppm	Day : 23	30.7	10	246	0.8

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0001_05	0 ppm	Day : 93	1.7	6.6	13
0002_05	0 ppm	Day : 93	2.2	6.9	23
0003_05	0 ppm	Day : 93	3	7.1	18
0004_05	0 ppm	Day : 93	2.6	6.6	14
0005_05	0 ppm	Day : 93	2.5	6.8	14
0006_05	0 ppm	Day : 93	2.6	7.2	15
0007_05	0 ppm	Day : 93	2.4	6.7	15
0008_05	0 ppm	Day : 93	2.4	6.8	17
0009_05	0 ppm	Day : 93	2.3	6.8	15
0010_05	0 ppm	Day : 93	2.2	6.5	19
0011_05	0 ppm	Day : 3	2.4	5.6	15
0011_05	0 ppm	Day : 23	2.2	6.2	7
0012_05	0 ppm	Day : 3	2.4	5.8	13
0012_05	0 ppm	Day : 23	2.4	6	13
0013_05	0 ppm	Day : 3	2.2	5.6	10
0013_05	0 ppm	Day : 23	2.6	6.6	14
0014_05	0 ppm	Day : 3	2.1	5.7	12
0014_05	0 ppm	Day : 23	1.8	5.7	6
0015_05	0 ppm	Day : 3	2.2	5.6	12
0015_05	0 ppm	Day : 23	2.9	6.6	8
0016_05	0 ppm	Day : 3	2.3	5.7	12
0016_05	0 ppm	Day : 23	2.5	6.6	8

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0017_05	0 ppm	Day : 3	2.1	5.6	15
0017_05	0 ppm	Day : 23	2.7	6.6	15
0018_05	0 ppm	Day : 3	2.5	5.6	15
0018_05	0 ppm	Day : 23	2.1	6	7
0019_05	0 ppm	Day : 3	2.3	5.9	12
0019_05	0 ppm	Day : 23	2.2	6	7
0020_05	0 ppm	Day : 3	2	5.8	13
0020_05	0 ppm	Day : 23	2.5	6.4	7
0201_05	25 ppm	Day : 93	2	6.6	19
0202_05	25 ppm	Day : 93	2.3	6.6	15
0203_05	25 ppm	Day : 93	2.6	6.9	20
0204_05	25 ppm	Day : 93	2.5	7.1	16
0205_05	25 ppm	Day : 93	2.4	6.9	19
0206_05	25 ppm	Day : 93	2.6	7.2	18
0207_05	25 ppm	Day : 93	2.3	6.5	14
0208_05	25 ppm	Day : 93	2.3	6.7	18
0209_05	25 ppm	Day : 93	2.4	6.9	23
0210_05	25 ppm	Day : 93	2.2	6.4	16
0211_05	25 ppm	Day : 3	2	5.5	12
0211_05	25 ppm	Day : 23	2.1	6.1	13
0212_05	25 ppm	Day : 3	2.5	5.9	13
0212_05	25 ppm	Day : 23	2.5	6.3	10

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0213_05	25 ppm	Day : 3	2.1	5.7	11
0213_05	25 ppm	Day : 23	2.3	6.3	10
0214_05	25 ppm	Day : 3	2.2	5.7	13
0214_05	25 ppm	Day : 23	2.7	6.3	17
0215_05	25 ppm	Day : 3	2.2	5.7	15
0215_05	25 ppm	Day : 23	2.2	6.2	9
0216_05	25 ppm	Day : 3	2.2	5.9	12
0216_05	25 ppm	Day : 23	1.9	6.2	9
0217_05	25 ppm	Day : 3	2.2	5.6	17
0217_05	25 ppm	Day : 23	2.3	6.3	11
0218_05	25 ppm	Day : 3	2.1	5.6	14
0218_05	25 ppm	Day : 23	2.6	6.5	9
0219_05	25 ppm	Day : 3	2.5	6	15
0219_05	25 ppm	Day : 23	2.3	6.3	12
0220_05	25 ppm	Day : 3	2	5.5	15
0220_05	25 ppm	Day : 23	2.6	6.4	17
0401_05	50 ppm	Day : 93	2.5	6.6	17
0402_05	50 ppm	Day : 93	2.1	6.6	14
0403_05	50 ppm	Day : 93	2.1	6.6	16
0404_05	50 ppm	Day : 93	2.4	6.7	12
0405_05	50 ppm	Day : 93	2.1	6.7	24
0406_05	50 ppm	Day : 93	2.5	6.8	19

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:58

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0407_05	50 ppm	Day : 93	2.3	6.6	16
0408_05	50 ppm	Day : 93	2.2	6.9	18
0409_05	50 ppm	Day : 93	2.4	6.7	23
0410_05	50 ppm	Day : 93	2.8	7	19
0411_05	50 ppm	Day : 3	2.1	5.5	12
0411_05	50 ppm	Day : 23	2.2	6.1	14
0412_05	50 ppm	Day : 3	2.3	5.4	12
0412_05	50 ppm	Day : 23	2.5	6.3	10
0413_05	50 ppm	Day : 3	2.5	6.1	11
0413_05	50 ppm	Day : 23	2.6	6.5	15
0414_05	50 ppm	Day : 3	2.2	5.7	13
0414_05	50 ppm	Day : 23	2.4	5.6	34
0415_05	50 ppm	Day : 3	2.3	5.9	14
0415_05	50 ppm	Day : 23	2	6.3	13
0416_05	50 ppm	Day : 3	2.2	5.6	13
0416_05	50 ppm	Day : 23	2.4	6.3	14
0417_05	50 ppm	Day : 3	2.2	5.6	13
0417_05	50 ppm	Day : 23	2.5	6.6	9
0418_05	50 ppm	Day : 3	2.2	5.8	12
0418_05	50 ppm	Day : 23	2.4	6.2	7
0419_05	50 ppm	Day : 3	2.2	5.7	13
0419_05	50 ppm	Day : 23	2.7	6.7	10

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:58

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0420_05	50 ppm	Day : 3	2	5.2	13
0420_05	50 ppm	Day : 23	2.4	6.3	9
0601_05	100 ppm	Day : 93	2.6	6.7	16
0602_05	100 ppm	Day : 93	2.7	6.7	15
0603_05	100 ppm	Day : 93	2.5	6.7	16
0604_05	100 ppm	Day : 93	2.2	6.8	24
0605_05	100 ppm	Day : 93	2.9	6.8	17
0606_05	100 ppm	Day : 93	2.7	6.8	15
0607_05	100 ppm	Day : 93	2.5	6.7	10
0608_05	100 ppm	Day : 93	2.2	6.3	17
0609_05	100 ppm	Day : 93	2.4	6.6	17
0610_05	100 ppm	Day : 93	2.7	6.8	22
0611_05	100 ppm	Day : 3	1.8	5.1	14
0611_05	100 ppm	Day : 23	1.8	5.8	10
0612_05	100 ppm	Day : 3	2.1	5.5	13
0612_05	100 ppm	Day : 23	2.7	6.5	8
0613_05	100 ppm	Day : 3	1.7	5.4	15
0613_05	100 ppm	Day : 23	2.3	6.2	7
0614_05	100 ppm	Day : 3	1.9	5.5	12
0614_05	100 ppm	Day : 23	2.9	6.6	7
0615_05	100 ppm	Day : 3	2.6	5.8	14
0615_05	100 ppm	Day : 23	2.6	6.3	8

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:58

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0616_05	100 ppm	Day : 3	2.4	6.1	13
0616_05	100 ppm	Day : 23	2.4	6.4	10
0617_05	100 ppm	Day : 3	2.1	5.6	13
0617_05	100 ppm	Day : 23	2.6	6.3	13
0618_05	100 ppm	Day : 3	2.3	5.5	12
0618_05	100 ppm	Day : 23	2.5	6.3	9
0619_05	100 ppm	Day : 3	2.3	6.1	18
0619_05	100 ppm	Day : 23	2.6	6.4	11
0620_05	100 ppm	Day : 3	2.3	5.5	12
0620_05	100 ppm	Day : 23	2.5	6.3	10
0801_05	200 ppm	Day : 93	2.6	6.8	18
0802_05	200 ppm	Day : 93	2.5	6.8	17
0803_05	200 ppm	Day : 93	2.3	6.7	13
0804_05	200 ppm	Day : 93	2.2	6.6	14
0805_05	200 ppm	Day : 93	2.7	7.2	9
0806_05	200 ppm	Day : 93	2.8	7.2	18
0807_05	200 ppm	Day : 93	2.6	6.6	16
0808_05	200 ppm	Day : 93	2	6.8	16
0809_05	200 ppm	Day : 93	2.2	6.6	14
0810_05	200 ppm	Day : 93	2.8	6.9	15
0811_05	200 ppm	Day : 3	1.9	5.6	12
0811_05	200 ppm	Day : 23	2.5	6.3	9

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:58

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0812_05	200 ppm	Day : 3	2	5.4	16
0812_05	200 ppm	Day : 23	2.4	6.4	12
0813_05	200 ppm	Day : 3	1.8	5.5	13
0813_05	200 ppm	Day : 23	2.6	6.3	11
0814_05	200 ppm	Day : 3	2.1	5.5	13
0814_05	200 ppm	Day : 23	2.4	6.2	9
0815_05	200 ppm	Day : 3	2.8	6	12
0815_05	200 ppm	Day : 23	2.3	6.2	9
0816_05	200 ppm	Day : 3	2.1	5.7	13
0816_05	200 ppm	Day : 23	2.6	6.3	7
0817_05	200 ppm	Day : 3	2.2	5.8	14
0817_05	200 ppm	Day : 23	2.3	6.3	10
0818_05	200 ppm	Day : 3	2.1	5.6	12
0818_05	200 ppm	Day : 23	2.1	6.6	7
0819_05	200 ppm	Day : 3	2.2	5.6	13
0819_05	200 ppm	Day : 23	2.6	6.4	12
0820_05	200 ppm	Day : 3	2.2	5.7	18
0820_05	200 ppm	Day : 23	2.6	6.3	11
1001_05	400 ppm	Day : 93	2.7	7	17
1002_05	400 ppm	Day : 93	2.8	6.7	14
1003_05	400 ppm	Day : 93	2.5	6.8	14
1004_05	400 ppm	Day : 93	2.5	6.8	18

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:58

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
1005_05	400 ppm	Day : 93	2.5	6.9	22
1006_05	400 ppm	Day : 93	2.5	7.2	17
1007_05	400 ppm	Day : 93	2.4	7.2	17
1008_05	400 ppm	Day : 93	2.8	7.4	17
1009_05	400 ppm	Day : 93	2.6	7	13
1010_05	400 ppm	Day : 93	2.2	6.4	15
1011_05	400 ppm	Day : 3	2.7	6.2	12
1011_05	400 ppm	Day : 23	2.9	6.7	12
1012_05	400 ppm	Day : 3	2.2	5.9	15
1012_05	400 ppm	Day : 23	2.4	6.4	11
1013_05	400 ppm	Day : 3	2.3	5.9	14
1013_05	400 ppm	Day : 23	2.8	7	13
1014_05	400 ppm	Day : 3	2.4	5.8	12
1014_05	400 ppm	Day : 23	2.7	6.6	12
1015_05	400 ppm	Day : 3	2.5	6.2	13
1015_05	400 ppm	Day : 23	2.7	6.6	13
1016_05	400 ppm	Day : 3	2.4	6	14
1016_05	400 ppm	Day : 23	2.5	6.3	10
1017_05	400 ppm	Day : 3	2.6	6.1	15
1017_05	400 ppm	Day : 23	2.6	6.5	12
1018_05	400 ppm	Day : 3	2.2	5.7	14
1018_05	400 ppm	Day : 23	2.6	6.4	12

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:58

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
1019_05	400 ppm	Day : 3	2.2	5.8	11
1019_05	400 ppm	Day : 23	2.3	6.2	10
1020_05	400 ppm	Day : 3	2.1	5.3	14
1020_05	400 ppm	Day : 23	2.4	6.3	12

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:58

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0101_05	0 ppm	Day : 93	4	1.7	268	63
0102_05	0 ppm	Day : 93	4.2	1.6	278	70
0103_05	0 ppm	Day : 93	4.6	2.2	286	67
0104_05	0 ppm	Day : 93	4.3	1.8	299	94
0105_05	0 ppm	Day : 93	4.4	2	331	73
0106_05	0 ppm	Day : 93	4.7	2	293	64
0107_05	0 ppm	Day : 93	4.6	1.8	262	83
0108_05	0 ppm	Day : 93	4.4	1.8	290	50
0109_05	0 ppm	Day : 93	4	1.4	278	73
0110_05	0 ppm	Day : 3	4	1.8	675	52
0110_05	0 ppm	Day : 23	3.9	1.7	399	44
0110_05	0 ppm	Day : 93	4.3	1.9	291	70
0111_05	0 ppm	Day : 3	3.9	2	646	45
0111_05	0 ppm	Day : 23	4.1	2.4	369	40
0112_05	0 ppm	Day : 3	4.1	2.2	680	52
0112_05	0 ppm	Day : 23	3.7	1.9	448	52
0113_05	0 ppm	Day : 3	4.1	2.6	573	44
0113_05	0 ppm	Day : 23	3.9	2.1	407	41
0114_05	0 ppm	Day : 3	4.1	2	605	40
0114_05	0 ppm	Day : 23	4	1.9	432	41
0115_05	0 ppm	Day : 3	4.1	1.6	670	58
0115_05	0 ppm	Day : 23	4	2.2	443	48

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:58

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0116_05	0 ppm	Day : 3	4	1.7	601	54
0116_05	0 ppm	Day : 23	4	1.7	382	38
0117_05	0 ppm	Day : 3	4.1	2.2	675	60
0117_05	0 ppm	Day : 23	3.9	1.6	400	55
0118_05	0 ppm	Day : 3	3.7	1.7	698	55
0118_05	0 ppm	Day : 23	4	2	438	35
0119_05	0 ppm	Day : 3	4	2.2	614	43
0119_05	0 ppm	Day : 23	3.8	1.8	381	43
0301_05	25 ppm	Day : 93	4.3	1.7	290	63
0302_05	25 ppm	Day : 93	4.5	1.9	269	85
0303_05	25 ppm	Day : 93	4.5	1.9	231	67
0304_05	25 ppm	Day : 93	4.4	1.7	262	62
0305_05	25 ppm	Day : 93	4.7	2	272	66
0306_05	25 ppm	Day : 93	4.2	1.8	278	43
0307_05	25 ppm	Day : 93	4.4	1.9	272	64
0308_05	25 ppm	Day : 93	4	1.6	228	76
0309_05	25 ppm	Day : 93	4.8	1.9	207	77
0310_05	25 ppm	Day : 93	4.5	2	291	73
0311_05	25 ppm	Day : 3	4	2.5	624	41
0311_05	25 ppm	Day : 23	4.3	2.2	365	29
0312_05	25 ppm	Day : 3	4.2	2.6	699	56
0312_05	25 ppm	Day : 23	3.7	1.9	509	48

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:58

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0313_05	25 ppm	Day : 3	3.7	1.7	612	53
0313_05	25 ppm	Day : 23	4	1.8	428	52
0314_05	25 ppm	Day : 3	3.9	2.1	577	41
0314_05	25 ppm	Day : 23	3.6	1.8	372	41
0315_05	25 ppm	Day : 3	3.8	1.9	602	48
0315_05	25 ppm	Day : 23	4.2	2.1	384	36
0316_05	25 ppm	Day : 3	3.6	1.5	590	48
0316_05	25 ppm	Day : 23	4	2	367	37
0317_05	25 ppm	Day : 3	3.9	1.8	609	47
0317_05	25 ppm	Day : 23	4.3	2.3	430	48
0318_05	25 ppm	Day : 3	4.1	2.3	625	51
0318_05	25 ppm	Day : 23	3.9	1.5	405	39
0319_05	25 ppm	Day : 3	3.9	2.2	655	49
0319_05	25 ppm	Day : 23	4.2	2.2	504	43
0320_05	25 ppm	Day : 3	3.7	1.9	642	49
0320_05	25 ppm	Day : 23	4.3	2.5	415	41
0501_05	50 ppm	Day : 93	3.9	1.4	310	82
0502_05	50 ppm	Day : 93	4.7	1.9	292	64
0503_05	50 ppm	Day : 93	4.4	1.8	293	68
0504_05	50 ppm	Day : 93	4.5	1.8	278	80
0505_05	50 ppm	Day : 93	4.7	2	355	72
0506_05	50 ppm	Day : 93	4.6	2	277	66

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:58

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0507_05	50 ppm	Day : 93	4.2	1.8	313	49
0508_05	50 ppm	Day : 93	4.5	2	312	70
0509_05	50 ppm	Day : 93	4.3	2	259	76
0510_05	50 ppm	Day : 93	4.2	1.8	284	61
0511_05	50 ppm	Day : 3	4.1	2.6	636	47
0511_05	50 ppm	Day : 23	3.6	1.6	409	42
0512_05	50 ppm	Day : 3	4.1	2.3	605	52
0512_05	50 ppm	Day : 23	3.6	1.8	379	45
0513_05	50 ppm	Day : 3	3.9	2.1	602	45
0513_05	50 ppm	Day : 23	3.8	1.7	336	34
0514_05	50 ppm	Day : 3	3.6	1.7	616	49
0514_05	50 ppm	Day : 23	4	1.9	449	47
0515_05	50 ppm	Day : 3	3.9	1.9	632	51
0515_05	50 ppm	Day : 23	3.9	2	389	41
0516_05	50 ppm	Day : 3	4.1	2.2	593	41
0516_05	50 ppm	Day : 23	3.9	1.8	352	39
0517_05	50 ppm	Day : 3	3.5	1.6	583	48
0517_05	50 ppm	Day : 23	4	2.2	413	49
0518_05	50 ppm	Day : 3	4.3	2.9	613	57
0518_05	50 ppm	Day : 23	4.3	2.7	375	34
0519_05	50 ppm	Day : 3	4	2.2	654	50
0519_05	50 ppm	Day : 23	4	1.7	376	39

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0520_05	50 ppm	Day : 3	4	2	711	57
0520_05	50 ppm	Day : 23	3.9	2.2	450	45
0701_05	100 ppm	Day : 93	4.4	2.1	307	57
0702_05	100 ppm	Day : 93	4.2	1.6	318	48
0703_05	100 ppm	Day : 93	4.4	1.8	300	54
0704_05	100 ppm	Day : 93	4.3	1.7	225	65
0705_05	100 ppm	Day : 93	4	1.5	293	47
0706_05	100 ppm	Day : 93	4.2	1.7	256	40
0707_05	100 ppm	Day : 93	4.5	1.8	330	77
0708_05	100 ppm	Day : 93	4	1.8	290	64
0709_05	100 ppm	Day : 93	4.7	2.4	318	59
0710_05	100 ppm	Day : 93	4.3	1.7	250	45
0711_05	100 ppm	Day : 3	4	2.1	589	46
0711_05	100 ppm	Day : 23	3.8	1.8	387	41
0712_05	100 ppm	Day : 3	3.8	1.8	564	47
0712_05	100 ppm	Day : 23	3.9	1.9	371	39
0713_05	100 ppm	Day : 3	3.9	2.2	599	47
0713_05	100 ppm	Day : 23	4	1.7	405	36
0714_05	100 ppm	Day : 3	3.9	1.9	593	51
0714_05	100 ppm	Day : 23	3.8	1.7	419	51
0715_05	100 ppm	Day : 3	3.9	2.1	577	42
0715_05	100 ppm	Day : 23	3.9	2	423	40

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:58

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0716_05	100 ppm	Day : 3	4.2	2.5	590	49
0716_05	100 ppm	Day : 23	3.9	2	361	43
0717_05	100 ppm	Day : 3	4	1.9	551	47
0717_05	100 ppm	Day : 23	3.8	1.8	412	43
0718_05	100 ppm	Day : 3	4	2.4	641	54
0718_05	100 ppm	Day : 23	3.9	1.9	414	42
0719_05	100 ppm	Day : 3	3.7	1.8	648	50
0719_05	100 ppm	Day : 23	3.8	1.8	468	45
0720_05	100 ppm	Day : 3	3.5	1.7	611	45
0720_05	100 ppm	Day : 23	4	1.7	402	36
0901_05	200 ppm	Day : 93	4.5	1.7	249	38
0902_05	200 ppm	Day : 93	4.5	2	261	60
0903_05	200 ppm	Day : 93	4.1	1.6	273	49
0904_05	200 ppm	Day : 93	4.1	1.5	311	53
0905_05	200 ppm	Day : 93	4.4	2	263	34
0906_05	200 ppm	Day : 93	4.3	1.7	292	73
0907_05	200 ppm	Day : 93	4.1	1.6	299	65
0908_05	200 ppm	Day : 93	4.3	1.4	311	68
0909_05	200 ppm	Day : 93	4.8	2.5	325	60
0910_05	200 ppm	Day : 93	4.2	1.9	307	55
0911_05	200 ppm	Day : 3	4	2.1	592	44
0911_05	200 ppm	Day : 23	4.2	2.3	389	34

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:58

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0912_05	200 ppm	Day : 3	4	2.2	627	46
0912_05	200 ppm	Day : 23	3.9	1.7	379	38
0913_05	200 ppm	Day : 3	3.9	2.1	595	44
0913_05	200 ppm	Day : 23	4	1.8	405	37
0914_05	200 ppm	Day : 3	4	1.9	678	48
0914_05	200 ppm	Day : 23	3.9	1.8	385	40
0915_05	200 ppm	Day : 3	3.6	1.7	609	45
0915_05	200 ppm	Day : 23	3.9	1.8	380	33
0916_05	200 ppm	Day : 3	4.2	2.6	588	44
0916_05	200 ppm	Day : 23	4	1.8	428	39
0917_05	200 ppm	Day : 3	3.9	2	641	47
0917_05	200 ppm	Day : 23	3.9	1.9	388	33
0918_05	200 ppm	Day : 3	3.9	1.9	504	39
0918_05	200 ppm	Day : 23	4.3	2.7	380	39
0919_05	200 ppm	Day : 3	4.1	2.1	541	45
0919_05	200 ppm	Day : 23	4.4	2.2	334	33
0920_05	200 ppm	Day : 3	4	2.1	625	48
0920_05	200 ppm	Day : 23	4.2	1.9	382	44
1101_05	400 ppm	Day : 93	4.2	1.6	266	46
1102_05	400 ppm	Day : 93	4.5	1.7	306	46
1103_05	400 ppm	Day : 93	4.5	2	249	42
1104_05	400 ppm	Day : 93	4.4	1.8	286	55

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:59

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
1105_05	400 ppm	Day : 93	4.8	1.8	276	56
1106_05	400 ppm	Day : 93	4.5	1.8	297	51
1107_05	400 ppm	Day : 93	4	1.7	255	49
1108_05	400 ppm	Day : 93	4.1	1.6	217	51
1109_05	400 ppm	Day : 93	4.7	2.2	295	58
1110_05	400 ppm	Day : 93	4.3	1.9	265	53
1111_05	400 ppm	Day : 3	3.8	1.9	550	40
1111_05	400 ppm	Day : 23	4.2	2.2	320	33
1112_05	400 ppm	Day : 3	3.8	1.5	503	42
1112_05	400 ppm	Day : 23	3.8	1.7	333	39
1113_05	400 ppm	Day : 3	4	2.7	543	43
1113_05	400 ppm	Day : 23	3.7	1.5	385	30
1114_05	400 ppm	Day : 3	3.9	1.6	582	43
1114_05	400 ppm	Day : 23	4.1	2.1	356	37
1115_05	400 ppm	Day : 3	4	1.9	543	44
1115_05	400 ppm	Day : 23	3.8	1.7	319	32
1116_05	400 ppm	Day : 3	3.9	2.1	585	39
1116_05	400 ppm	Day : 23	3.9	1.7	364	29
1117_05	400 ppm	Day : 3	4.2	2.3	610	48
1117_05	400 ppm	Day : 23	3.9	1.6	444	39
1118_05	400 ppm	Day : 3	4.1	2.4	597	48
1118_05	400 ppm	Day : 23	4.1	2.3	381	40

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:59

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
1119_05	400 ppm	Day : 3	3.9	1.7	518	42
1119_05	400 ppm	Day : 23	3.9	2.2	353	31
1120_05	400 ppm	Day : 3	4	2.5	535	43
1120_05	400 ppm	Day : 23	4.3	2	398	41

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0101_05	0 ppm	Day : 93	20.6	16	143	0.8
0102_05	0 ppm	Day : 93	32	14	95	0.9
0103_05	0 ppm	Day : 93	21.1	14	145	0.9
0104_05	0 ppm	Day : 93	41.2	16	81	0.9
0105_05	0 ppm	Day : 93	24.4	14	76	0.9
0106_05	0 ppm	Day : 93	24.1	15	136	0.8
0107_05	0 ppm	Day : 93	21.3	13	188	0.9
0108_05	0 ppm	Day : 93	30.7	13	224	0.8
0109_05	0 ppm	Day : 93	19.9	16	448	0.8
0110_05	0 ppm	Day : 3	23.6	9	703	0.7
0110_05	0 ppm	Day : 23	17.8	10	173	0.7
0110_05	0 ppm	Day : 93	22.2	13	93	0.8
0111_05	0 ppm	Day : 3	14.5	9	172	0.5
0111_05	0 ppm	Day : 23	17.9	13	170	0.7
0112_05	0 ppm	Day : 3	20.4	12	298	0.7
0112_05	0 ppm	Day : 23	37.8	11	2930*	0.8
0113_05	0 ppm	Day : 3	18.3	11	430	0.6
0113_05	0 ppm	Day : 23	19.2	12	147	0.6
0114_05	0 ppm	Day : 3	15.3	11	270	0.6
0114_05	0 ppm	Day : 23	17.2	12	219	0.7
0115_05	0 ppm	Day : 3	43.9	10	448	0.8
0115_05	0 ppm	Day : 23	27.2	11	307	0.8

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0116_05	0 ppm	Day : 3	22.5	10	325	0.7
0116_05	0 ppm	Day : 23	21.3	13	220	0.6
0117_05	0 ppm	Day : 3	26.3	9	840	0.6
0117_05	0 ppm	Day : 23	21.2	9	207	0.7
0118_05	0 ppm	Day : 3	32.3	7	1241	0.6
0118_05	0 ppm	Day : 23	19.6	10	144	0.7
0119_05	0 ppm	Day : 3	21.1	10	436	0.7
0119_05	0 ppm	Day : 23	21.5	11	313	0.7
0301_05	25 ppm	Day : 93	21	12	117	0.9
0302_05	25 ppm	Day : 93	73.8	16	499	0.9
0303_05	25 ppm	Day : 93	17.1	13	206	0.9
0304_05	25 ppm	Day : 93	14.9	12	146	0.8
0305_05	25 ppm	Day : 93	22.1	11	72	0.8
0306_05	25 ppm	Day : 93	27.2	14	75	0.9
0307_05	25 ppm	Day : 93	23.1	16	730	1
0308_05	25 ppm	Day : 93	18.8	13	108	0.8
0309_05	25 ppm	Day : 93	24.8	13	83	0.8
0310_05	25 ppm	Day : 93	22.6	15	122	0.8
0311_05	25 ppm	Day : 3	27.4	10	457	0.7
0311_05	25 ppm	Day : 23	50.6	14	276	0.8
0312_05	25 ppm	Day : 3	32	9	349	0.7
0312_05	25 ppm	Day : 23	39.3	11	305	0.7

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0312_05	25 ppm	Day : 23	39.3	11	305	0.7
0313_05	25 ppm	Day : 3	35	7	525	0.6
0313_05	25 ppm	Day : 23	33.8	10	1012	0.8
0314_05	25 ppm	Day : 3	20.7	8	371	0.6
0314_05	25 ppm	Day : 23	21.4	9	172	0.7
0315_05	25 ppm	Day : 3	50.9	9	503	0.8
0315_05	25 ppm	Day : 23	19.2	11	203	0.7
0316_05	25 ppm	Day : 3	25.4	9	327	0.7
0316_05	25 ppm	Day : 23	33.7	12	308	0.7
0317_05	25 ppm	Day : 3	37.4	11	881	0.8
0317_05	25 ppm	Day : 23	18.2	11	164	0.7
0318_05	25 ppm	Day : 3	28.3	9	499	0.7
0318_05	25 ppm	Day : 23	24.1	10	244	0.7
0319_05	25 ppm	Day : 3	25.5	8	372	0.7
0319_05	25 ppm	Day : 23	36.5	12	181	0.7
0320_05	25 ppm	Day : 3	30.9	9	525	0.7
0320_05	25 ppm	Day : 23	30	9	200	0.7
0501_05	50 ppm	Day : 93	32.8	16	204	0.8
0502_05	50 ppm	Day : 93	20.8	15	358	0.9
0503_05	50 ppm	Day : 93	21.7	14	88	1
0504_05	50 ppm	Day : 93	18.8	16	175	1
0505_05	50 ppm	Day : 93	19.4	14	272	0.8

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0506_05	50 ppm	Day : 93	22	14	134	0.8
0507_05	50 ppm	Day : 93	21.3	11	140	0.8
0508_05	50 ppm	Day : 93	37.8	15	116	0.9
0509_05	50 ppm	Day : 93	21.6	13	43	0.7
0510_05	50 ppm	Day : 93	25.2	14	101	0.8
0511_05	50 ppm	Day : 3	43.2	11	747	0.6
0511_05	50 ppm	Day : 23	30.9	10	176	0.7
0512_05	50 ppm	Day : 3	31.7	10	248	0.6
0512_05	50 ppm	Day : 23	64.5	10	786	0.7
0513_05	50 ppm	Day : 3	24.8	10	380	0.6
0513_05	50 ppm	Day : 23	21.5	10	149	0.7
0514_05	50 ppm	Day : 3	27	7	457	0.7
0514_05	50 ppm	Day : 23	25.6	9	707	0.6
0515_05	50 ppm	Day : 3	25.3	9	495	0.6
0515_05	50 ppm	Day : 23	27.7	10	318	0.6
0516_05	50 ppm	Day : 3	24.4	10	231	0.6
0516_05	50 ppm	Day : 23	41	11	477	0.7
0517_05	50 ppm	Day : 3	29.3	7	333	0.7
0517_05	50 ppm	Day : 23	43.4	10	789	0.7
0518_05	50 ppm	Day : 3	28.7	9	266	0.7
0518_05	50 ppm	Day : 23	24.4	8	234	0.6
0519_05	50 ppm	Day : 3	23.3	8	449	0.7

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0519_05	50 ppm	Day : 3	23.3	8	449	0.7
0519_05	50 ppm	Day : 23	27.9	10	754	0.7
0520_05	50 ppm	Day : 3	40.9	11	331	0.6
0520_05	50 ppm	Day : 23	33.8	13	188	0.6
0701_05	100 ppm	Day : 93	19.5	14	109	0.8
0702_05	100 ppm	Day : 93	21	14	91	1
0703_05	100 ppm	Day : 93	17.5	17	120	0.8
0704_05	100 ppm	Day : 93	18.7	13	98	0.9
0705_05	100 ppm	Day : 93	19.6	13	111	0.9
0706_05	100 ppm	Day : 93	22.5	14	86	0.8
0707_05	100 ppm	Day : 93	23.7	14	98	0.9
0708_05	100 ppm	Day : 93	30.5	13	259	0.8
0709_05	100 ppm	Day : 93	23.1	12	295	0.7
0710_05	100 ppm	Day : 93	28.6	13	106	0.9
0711_05	100 ppm	Day : 3	27.1	9	554	0.8
0711_05	100 ppm	Day : 23	27.1	9	216	0.7
0712_05	100 ppm	Day : 3	31.2	12	472	0.7
0712_05	100 ppm	Day : 23	31.8	10	557	0.7
0713_05	100 ppm	Day : 3	31.2	10	327	0.6
0713_05	100 ppm	Day : 23	26.4	10	204	0.7
0714_05	100 ppm	Day : 3	61.6	9	570	0.7
0714_05	100 ppm	Day : 23	42.9	11	431	0.8

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0715_05	100 ppm	Day : 3	28	9	354	0.6
0715_05	100 ppm	Day : 23	24.5	9	249	0.7
0716_05	100 ppm	Day : 3	42.7	11	1242	0.6
0716_05	100 ppm	Day : 23	19.7	10	366	0.7
0717_05	100 ppm	Day : 3	27.7	12	369	0.8
0717_05	100 ppm	Day : 23	24.3	9	973	0.7
0718_05	100 ppm	Day : 3	29.2	11	862	0.7
0718_05	100 ppm	Day : 23	28.7	9	212	0.7
0719_05	100 ppm	Day : 3	35.3	8	349	0.6
0719_05	100 ppm	Day : 23	24	11	354	0.7
0720_05	100 ppm	Day : 3	31.8	7	669	0.6
0720_05	100 ppm	Day : 23	26.1	8	417	0.7
0901_05	200 ppm	Day : 93	18.9	11	173	0.9
0902_05	200 ppm	Day : 93	18.9	13	147	0.9
0903_05	200 ppm	Day : 93	27	12	242	0.8
0904_05	200 ppm	Day : 93	19.4	16	483	0.9
0905_05	200 ppm	Day : 93	21.6	12	149	0.9
0906_05	200 ppm	Day : 93	33.5	13	73	0.8
0907_05	200 ppm	Day : 93	20.8	13	71	0.9
0908_05	200 ppm	Day : 93	28.5	15	174	0.8
0909_05	200 ppm	Day : 93	20.1	14	73	0.8
0910_05	200 ppm	Day : 93	19.3	18	130	0.8

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0910_05	200 ppm	Day : 93	19.3	18	130	0.8
0911_05	200 ppm	Day : 3	35.4	11	352	0.7
0911_05	200 ppm	Day : 23	20.1	11	175	0.8
0912_05	200 ppm	Day : 3	32.4	6	545	0.7
0912_05	200 ppm	Day : 23	88.4	9	612	0.8
0913_05	200 ppm	Day : 3	49.3	10	993	0.6
0913_05	200 ppm	Day : 23	33.3	11	466	0.8
0914_05	200 ppm	Day : 3	41.4	15	335	0.7
0914_05	200 ppm	Day : 23	54.4	12	212	0.8
0915_05	200 ppm	Day : 3	34.7	9	397	0.7
0915_05	200 ppm	Day : 23	27.6	10	175	0.7
0916_05	200 ppm	Day : 3	34.2	10	263	0.7
0916_05	200 ppm	Day : 23	27	9	281	0.7
0917_05	200 ppm	Day : 3	40.5	9	337	0.7
0917_05	200 ppm	Day : 23	24.9	8	213	0.7
0918_05	200 ppm	Day : 3	41.3	10	266	0.8
0918_05	200 ppm	Day : 23	30.1	11	156	0.7
0919_05	200 ppm	Day : 3	44.8	9	719	0.7
0919_05	200 ppm	Day : 23	27.6	10	426	0.7
0920_05	200 ppm	Day : 3	38.1	9	547	0.7
0920_05	200 ppm	Day : 23	24	10	158	0.7
1101_05	400 ppm	Day : 93	22	14	136	1

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
1102_05	400 ppm	Day : 93	29.2	12	447	0.8
1103_05	400 ppm	Day : 93	20.2	13	99	0.8
1104_05	400 ppm	Day : 93	17.6	12	94	0.8
1105_05	400 ppm	Day : 93	17.8	12	136	0.8
1106_05	400 ppm	Day : 93	30.9	16	103	1
1107_05	400 ppm	Day : 93	19.4	11	152	0.8
1108_05	400 ppm	Day : 93	27.3	13	211	0.9
1109_05	400 ppm	Day : 93	23.4	14	92	0.8
1110_05	400 ppm	Day : 93	25.8	12	111	0.8
1111_05	400 ppm	Day : 3	34.2	12	315	0.7
1111_05	400 ppm	Day : 23	29.2	14	333	0.8
1112_05	400 ppm	Day : 3	41.1	12	389	0.8
1112_05	400 ppm	Day : 23	31	10	660	0.7
1113_05	400 ppm	Day : 3	37.8	9	551	0.7
1113_05	400 ppm	Day : 23	29.1	13	357	0.6
1114_05	400 ppm	Day : 3	43.3	10	871	0.7
1114_05	400 ppm	Day : 23	26.7	10	318	0.7
1115_05	400 ppm	Day : 3	55	13	821	0.8
1115_05	400 ppm	Day : 23	29.7	12	285	0.7
1116_05	400 ppm	Day : 3	32.1	10	338	0.7
1116_05	400 ppm	Day : 23	30.8	10	194	0.7
1117_05	400 ppm	Day : 3	31.8	12	266	0.8

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:59

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
1117_05	400 ppm	Day : 3	31.8	12	266	0.8
1117_05	400 ppm	Day : 23	28.7	11	345	0.7
1118_05	400 ppm	Day : 3	49.2	11	892	0.8
1118_05	400 ppm	Day : 23	38.2	10	910	0.7
1119_05	400 ppm	Day : 3	31.4	11	929	0.7
1119_05	400 ppm	Day : 23	28.7	10	287	0.7
1120_05	400 ppm	Day : 3	20.7	8	183	0.7
1120_05	400 ppm	Day : 23	31.1	10	193	0.7

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:59

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0101_05	0 ppm	Day : 93	2.4	6.4	16
0102_05	0 ppm	Day : 93	2.6	6.8	15
0103_05	0 ppm	Day : 93	2.1	6.7	16
0104_05	0 ppm	Day : 93	2.4	6.7	26
0105_05	0 ppm	Day : 93	2.2	6.6	19
0106_05	0 ppm	Day : 93	2.3	7	15
0107_05	0 ppm	Day : 93	2.5	7.1	18
0108_05	0 ppm	Day : 93	2.5	6.9	15
0109_05	0 ppm	Day : 93	2.9	6.9	15
0110_05	0 ppm	Day : 3	2.2	6.2	12
0110_05	0 ppm	Day : 23	2.3	6.2	13
0110_05	0 ppm	Day : 93	2.3	6.6	20
0111_05	0 ppm	Day : 3	2	5.9	13
0111_05	0 ppm	Day : 23	1.7	5.8	11
0112_05	0 ppm	Day : 3	1.9	6	12
0112_05	0 ppm	Day : 23	2	5.7	9
0113_05	0 ppm	Day : 3	1.6	5.7	12
0113_05	0 ppm	Day : 23	1.9	5.8	12
0114_05	0 ppm	Day : 3	2.1	6.2	13
0114_05	0 ppm	Day : 23	2.1	6.1	12
0115_05	0 ppm	Day : 3	2.6	6.7	18
0115_05	0 ppm	Day : 23	1.8	5.8	11

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:59

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0116_05	0 ppm	Day : 3	2.3	6.3	13
0116_05	0 ppm	Day : 23	2.3	6.3	12
0117_05	0 ppm	Day : 3	1.9	6	11
0117_05	0 ppm	Day : 23	2.4	6.3	17
0118_05	0 ppm	Day : 3	2.2	5.9	10
0118_05	0 ppm	Day : 23	2	6	11
0119_05	0 ppm	Day : 3	1.8	5.8	12
0119_05	0 ppm	Day : 23	2.1	5.9	12
0301_05	25 ppm	Day : 93	2.6	6.9	17
0302_05	25 ppm	Day : 93	2.4	6.9	15
0303_05	25 ppm	Day : 93	2.4	6.9	17
0304_05	25 ppm	Day : 93	2.6	7	17
0305_05	25 ppm	Day : 93	2.3	7	15
0306_05	25 ppm	Day : 93	2.3	6.5	16
0307_05	25 ppm	Day : 93	2.3	6.7	16
0308_05	25 ppm	Day : 93	2.5	6.5	16
0309_05	25 ppm	Day : 93	2.5	7.3	13
0310_05	25 ppm	Day : 93	2.2	6.7	17
0311_05	25 ppm	Day : 3	1.6	5.6	11
0311_05	25 ppm	Day : 23	2	6.3	13
0312_05	25 ppm	Day : 3	1.6	5.8	13
0312_05	25 ppm	Day : 23	2	5.7	10

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:59

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0313_05	25 ppm	Day : 3	2.2	5.9	11
0313_05	25 ppm	Day : 23	2.2	6.2	13
0314_05	25 ppm	Day : 3	1.9	5.8	13
0314_05	25 ppm	Day : 23	2	5.6	15
0315_05	25 ppm	Day : 3	2	5.8	12
0315_05	25 ppm	Day : 23	2	6.2	14
0316_05	25 ppm	Day : 3	2.4	6	15
0316_05	25 ppm	Day : 23	2	6	13
0317_05	25 ppm	Day : 3	2.2	6.1	14
0317_05	25 ppm	Day : 23	1.9	6.2	12
0318_05	25 ppm	Day : 3	1.8	5.9	14
0318_05	25 ppm	Day : 23	2.6	6.5	14
0319_05	25 ppm	Day : 3	1.8	5.7	12
0319_05	25 ppm	Day : 23	1.9	6.1	11
0320_05	25 ppm	Day : 3	1.9	5.6	10
0320_05	25 ppm	Day : 23	1.7	6	11
0501_05	50 ppm	Day : 93	2.8	6.7	16
0502_05	50 ppm	Day : 93	2.5	7.2	18
0503_05	50 ppm	Day : 93	2.4	6.8	22
0504_05	50 ppm	Day : 93	2.5	7	23
0505_05	50 ppm	Day : 93	2.3	7	19
0506_05	50 ppm	Day : 93	2.3	6.9	17

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:51:59

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0507_05	50 ppm	Day : 93	2.4	6.6	14
0508_05	50 ppm	Day : 93	2.2	6.7	20
0509_05	50 ppm	Day : 93	2.1	6.4	17
0510_05	50 ppm	Day : 93	2.4	6.6	12
0511_05	50 ppm	Day : 3	1.6	5.7	11
0511_05	50 ppm	Day : 23	2.3	5.9	12
0512_05	50 ppm	Day : 3	1.8	5.9	13
0512_05	50 ppm	Day : 23	2	5.6	8
0513_05	50 ppm	Day : 3	1.9	5.8	12
0513_05	50 ppm	Day : 23	2.2	6	15
0514_05	50 ppm	Day : 3	2.1	5.7	11
0514_05	50 ppm	Day : 23	2.1	6.1	8
0515_05	50 ppm	Day : 3	2.1	6	11
0515_05	50 ppm	Day : 23	2	5.9	10
0516_05	50 ppm	Day : 3	1.9	6	12
0516_05	50 ppm	Day : 23	2.2	6.1	9
0517_05	50 ppm	Day : 3	2.2	5.7	11
0517_05	50 ppm	Day : 23	1.8	5.8	10
0518_05	50 ppm	Day : 3	1.5	5.8	12
0518_05	50 ppm	Day : 23	1.6	5.9	11
0519_05	50 ppm	Day : 3	1.8	5.8	13
0519_05	50 ppm	Day : 23	2.4	6.4	13

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:52:00

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0520_05	50 ppm	Day : 3	2	6	12
0520_05	50 ppm	Day : 23	1.8	5.7	11
0701_05	100 ppm	Day : 93	2.1	6.5	16
0702_05	100 ppm	Day : 93	2.7	6.9	18
0703_05	100 ppm	Day : 93	2.4	6.8	16
0704_05	100 ppm	Day : 93	2.6	6.9	16
0705_05	100 ppm	Day : 93	2.7	6.7	11
0706_05	100 ppm	Day : 93	2.5	6.7	10
0707_05	100 ppm	Day : 93	2.5	7	22
0708_05	100 ppm	Day : 93	2.2	6.2	20
0709_05	100 ppm	Day : 93	2	6.7	16
0710_05	100 ppm	Day : 93	2.5	6.8	14
0711_05	100 ppm	Day : 3	1.9	5.9	16
0711_05	100 ppm	Day : 23	2.1	5.9	11
0712_05	100 ppm	Day : 3	2.1	5.9	12
0712_05	100 ppm	Day : 23	2.1	6	11
0713_05	100 ppm	Day : 3	1.8	5.7	12
0713_05	100 ppm	Day : 23	2.3	6.3	12
0714_05	100 ppm	Day : 3	2.1	6	10
0714_05	100 ppm	Day : 23	2.2	6	11
0715_05	100 ppm	Day : 3	1.9	5.8	11
0715_05	100 ppm	Day : 23	2	5.9	12

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:52:00

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0716_05	100 ppm	Day : 3	1.7	5.9	10
0716_05	100 ppm	Day : 23	2	5.9	16
0717_05	100 ppm	Day : 3	2.1	6.1	17
0717_05	100 ppm	Day : 23	2.1	5.9	9
0718_05	100 ppm	Day : 3	1.7	5.7	10
0718_05	100 ppm	Day : 23	2.1	6	12
0719_05	100 ppm	Day : 3	2.1	5.8	11
0719_05	100 ppm	Day : 23	2.1	5.9	10
0720_05	100 ppm	Day : 3	2.1	5.6	12
0720_05	100 ppm	Day : 23	2.4	6.4	13
0901_05	200 ppm	Day : 93	2.7	7.2	14
0902_05	200 ppm	Day : 93	2.3	6.8	20
0903_05	200 ppm	Day : 93	2.5	6.6	12
0904_05	200 ppm	Day : 93	2.7	6.8	16
0905_05	200 ppm	Day : 93	2.2	6.6	17
0906_05	200 ppm	Day : 93	2.6	6.9	15
0907_05	200 ppm	Day : 93	2.5	6.6	16
0908_05	200 ppm	Day : 93	3.1	7.4	15
0909_05	200 ppm	Day : 93	1.9	6.7	14
0910_05	200 ppm	Day : 93	2.2	6.4	13
0911_05	200 ppm	Day : 3	1.9	5.9	13
0911_05	200 ppm	Day : 23	1.8	6	15

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:52:00

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0912_05	200 ppm	Day : 3	1.8	5.8	13
0912_05	200 ppm	Day : 23	2.3	6.2	15
0913_05	200 ppm	Day : 3	1.9	5.8	16
0913_05	200 ppm	Day : 23	2.2	6.2	12
0914_05	200 ppm	Day : 3	2.1	6.1	14
0914_05	200 ppm	Day : 23	2.2	6.1	14
0915_05	200 ppm	Day : 3	2.1	5.7	16
0915_05	200 ppm	Day : 23	2.2	6.1	11
0916_05	200 ppm	Day : 3	1.6	5.8	15
0916_05	200 ppm	Day : 23	2.2	6.2	11
0917_05	200 ppm	Day : 3	2	5.9	13
0917_05	200 ppm	Day : 23	2.1	6	14
0918_05	200 ppm	Day : 3	2.1	6	16
0918_05	200 ppm	Day : 23	1.6	5.9	12
0919_05	200 ppm	Day : 3	2	6.1	10
0919_05	200 ppm	Day : 23	2	6.4	14
0920_05	200 ppm	Day : 3	1.9	5.9	14
0920_05	200 ppm	Day : 23	2.2	6.4	12
1101_05	400 ppm	Day : 93	2.7	6.9	17
1102_05	400 ppm	Day : 93	2.7	7.2	12
1103_05	400 ppm	Day : 93	2.2	6.7	12
1104_05	400 ppm	Day : 93	2.4	6.8	14

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:52:00

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
1105_05	400 ppm	Day : 93	2.6	7.4	16
1106_05	400 ppm	Day : 93	2.5	7	17
1107_05	400 ppm	Day : 93	2.3	6.3	14
1108_05	400 ppm	Day : 93	2.6	6.7	16
1109_05	400 ppm	Day : 93	2.1	6.8	14
1110_05	400 ppm	Day : 93	2.3	6.6	14
1111_05	400 ppm	Day : 3	2	5.8	12
1111_05	400 ppm	Day : 23	1.9	6.1	13
1112_05	400 ppm	Day : 3	2.5	6.3	15
1112_05	400 ppm	Day : 23	2.3	6.1	10
1113_05	400 ppm	Day : 3	1.5	5.5	12
1113_05	400 ppm	Day : 23	2.4	6.1	9
1114_05	400 ppm	Day : 3	2.4	6.3	11
1114_05	400 ppm	Day : 23	2	6.1	10
1115_05	400 ppm	Day : 3	2.1	6.1	15
1115_05	400 ppm	Day : 23	2.3	6.1	11
1116_05	400 ppm	Day : 3	1.9	5.8	12
1116_05	400 ppm	Day : 23	2.3	6.2	11
1117_05	400 ppm	Day : 3	1.8	6	15
1117_05	400 ppm	Day : 23	2.4	6.3	11
1118_05	400 ppm	Day : 3	1.7	5.8	10
1118_05	400 ppm	Day : 23	1.8	5.9	11

Experiment Number: 93026-05

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:52:00

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
1119_05	400 ppm	Day : 3	2.3	6.2	14
1119_05	400 ppm	Day : 23	1.8	5.7	12
1120_05	400 ppm	Day : 3	1.6	5.6	12
1120_05	400 ppm	Day : 23	2.2	6.5	14

** END OF REPORT **