

**Experiment Number:** 88036-01

**Species/Strain:** Rat/Fischer 344

**P42: Clinical Chemistry Data**

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 02:12:25

**First Dose M/F:** NA / NA

**Lab:** NA

**C Number:** C88036

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Both

Experiment Number: 88036-01

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P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:25

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0001_01	0 ppm	Day : 92	4.5	666	133	21
0002_01	0 ppm	Day : 92	4.5	539	71	16
0003_01	0 ppm	Day : 92	4.5	559	136	19
0004_01	0 ppm	Day : 92	4.7	685	79	18
0005_01	0 ppm	Day : 92	4.8	663	110	20
0006_01	0 ppm	Day : 92	4.6	616	103	20
0007_01	0 ppm	Day : 92	5.1	693	109	25
0008_01	0 ppm	Day : 92	4.5	672	152	20
0009_01	0 ppm	Day : 92	5	614	113	22
0010_01	0 ppm	Day : 92	4.6	531	68	22
0011_01	1875 ppm	Day : 92	5	523	59	12
0012_01	1875 ppm	Day : 92	5	456	50	10
0013_01	1875 ppm	Day : 92	4.9	463	63	17
0014_01	1875 ppm	Day : 92	5.1	438	56	21
0015_01	1875 ppm	Day : 92	4.8	500	76	15
0016_01	1875 ppm	Day : 92	5.3	573	76	13
0017_01	1875 ppm	Day : 92	4.7	539	91	14
0018_01	1875 ppm	Day : 92	5	440	52	11
0019_01	1875 ppm	Day : 92	5	564	46	10
0020_01	1875 ppm	Day : 92	5.1	520	59	12
0021_01	3750 ppm	Day : 92	4.9	459	69	10
0022_01	3750 ppm	Day : 92	5	505	79	14

## MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0023_01	3750 ppm	Day : 92	5	471	53	10
0024_01	3750 ppm	Day : 92	4.9	416	49	9
0025_01	3750 ppm	Day : 92	5	528	67	11
0026_01	3750 ppm	Day : 92	5.1	508	71	11
0027_01	3750 ppm	Day : 92	5.4	497	71	12
0028_01	3750 ppm	Day : 92	5	401	52	9
0029_01	3750 ppm	Day : 92	5.2	532	49	10
0030_01	3750 ppm	Day : 92	5.1	460	61	11
0031_01	7500 ppm	Day : 92	5.3	434	60	12
0032_01	7500 ppm	Day : 92	5	428	66	12
0033_01	7500 ppm	Day : 92	5.2	431	86	13
0034_01	7500 ppm	Day : 92	5.1	447	83	12
0035_01	7500 ppm	Day : 92	5	344	88	13
0036_01	7500 ppm	Day : 92	4.9	479	195	17
0037_01	7500 ppm	Day : 92	5.1	424	76	11
0038_01	7500 ppm	Day : 92	5.2	472	50	10
0039_01	7500 ppm	Day : 92	5.2	570	76	19
0040_01	7500 ppm	Day : 92	5.8	524	126	16
0041_01	15000 ppm	Day : 92	4.9	489	64	9
0042_01	15000 ppm	Day : 92	5.2	402	70	9
0043_01	15000 ppm	Day : 92	5.5	598	79	12
0044_01	15000 ppm	Day : 92	4.8	430	115	14

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Lab: NA

## MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0044_01	15000 ppm	Day : 92	4.8	430	115	14
0045_01	15000 ppm	Day : 92	5.5	426	63	10
0046_01	15000 ppm	Day : 92	5.5	428	70	11
0047_01	15000 ppm	Day : 92	5.4	360	44	17
0048_01	15000 ppm	Day : 92	4.9	390	136	13
0049_01	15000 ppm	Day : 92	4.9	412	63	11
0050_01	15000 ppm	Day : 92	5.6	484	65	10
0051_01	30000 ppm	Day : 92	5.8	559	76	15
0052_01	30000 ppm	Day : 92	5.1	403	64	10
0053_01	30000 ppm	Day : 92	5.4	406	64	11
0054_01	30000 ppm	Day : 92	4.7	415	136	13
0055_01	30000 ppm	Day : 92	5.7	429	68	10
0056_01	30000 ppm	Day : 92	5.3	430	212	24
0057_01	30000 ppm	Day : 92	5.6	381	61	10
0058_01	30000 ppm	Day : 92	5.5	453	80	10
0059_01	30000 ppm	Day : 92	5.1	505	61	9
0060_01	30000 ppm	Day : 92	5.2	465	358	35
0121_01	0 ppm	Day : 4	4.3	1645	41	36
0121_01	0 ppm	Day : 22	4.7	1130	45	12
0122_01	0 ppm	Day : 4	4.1	1591	46	41
0122_01	0 ppm	Day : 22	4.5	1177	71	43
0123_01	0 ppm	Day : 4	4.1	1788	50	37

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**MALE**


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Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0123_01	0 ppm	Day : 22	4.5	1254	47	10
0124_01	0 ppm	Day : 4	4	1685	56	40
0124_01	0 ppm	Day : 22	4.5	1485	44	29
0125_01	0 ppm	Day : 4	4.1	1489	50	27
0125_01	0 ppm	Day : 22	4.4	1066	43	31
0126_01	0 ppm	Day : 4	4.1	1527	36	16
0126_01	0 ppm	Day : 22	4.5	1120	46	35
0127_01	0 ppm	Day : 4	4.2	1567	40	17
0127_01	0 ppm	Day : 22	4.5	1253	42	11
0128_01	0 ppm	Day : 4	4.1	1608	38	19
0128_01	0 ppm	Day : 22	4.4	1146	43	32
0129_01	0 ppm	Day : 4	4.2	1815	44	21
0129_01	0 ppm	Day : 22	4.6	1380	49	18
0130_01	0 ppm	Day : 4	4.2	1612	44	21
0130_01	0 ppm	Day : 22	4.5	1059	50	25
0131_01	1875 ppm	Day : 4	4.1	1825	64	32
0131_01	1875 ppm	Day : 22	4.6	1010	40	11
0132_01	1875 ppm	Day : 4	4.1	1469	51	32
0132_01	1875 ppm	Day : 22	4.7	1003	37	31
0133_01	1875 ppm	Day : 4	4	1470	44	24
0133_01	1875 ppm	Day : 22	4.9	1022	33	15
0134_01	1875 ppm	Day : 4	3.8	1647	47	21

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**MALE**

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Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0134_01	1875 ppm	Day : 4	3.8	1647	47	21
0134_01	1875 ppm	Day : 22	4.6	1148	34	7
0135_01	1875 ppm	Day : 4	4.1	1673	53	42
0135_01	1875 ppm	Day : 22	4.8	982	47	8
0136_01	1875 ppm	Day : 4	4.2	1769	50	31
0136_01	1875 ppm	Day : 22	4.8	1093	62	7
0137_01	1875 ppm	Day : 4	4.1	1464	44	98
0137_01	1875 ppm	Day : 22	4.7	881	39	15
0138_01	1875 ppm	Day : 4	4.1	1632	40	43
0138_01	1875 ppm	Day : 22	4.7	1006	34	12
0139_01	1875 ppm	Day : 4	4	1634	50	44
0139_01	1875 ppm	Day : 22	4.7	1048	34	13
0140_01	1875 ppm	Day : 4	4.2	1905	62	58
0140_01	1875 ppm	Day : 22	4.7	1073	35	11
0141_01	3750 ppm	Day : 4	4.1	1600	47	24
0141_01	3750 ppm	Day : 22	4.9	978	39	11
0142_01	3750 ppm	Day : 4	4.1	1758	57	43
0142_01	3750 ppm	Day : 22	4.6	918	29	6
0143_01	3750 ppm	Day : 4	4.1	1519	44	18
0143_01	3750 ppm	Day : 22	4.8	893	34	6
0144_01	3750 ppm	Day : 4	3.9	1597	48	45
0144_01	3750 ppm	Day : 22	4.8	875	33	25

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Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0145_01	3750 ppm	Day : 4	3.7	1615	62	44
0145_01	3750 ppm	Day : 22	4.8	939	34	22
0146_01	3750 ppm	Day : 4	3.9	1589	46	27
0146_01	3750 ppm	Day : 22	4.6	947	36	19
0147_01	3750 ppm	Day : 4	3.9	1536	41	30
0147_01	3750 ppm	Day : 22	4.8	937	35	21
0148_01	3750 ppm	Day : 4	4.1	1469	46	28
0148_01	3750 ppm	Day : 22	5	873	33	11
0149_01	3750 ppm	Day : 4	3.9	1483	44	45
0149_01	3750 ppm	Day : 22	4.7	934	33	13
0150_01	3750 ppm	Day : 4	4.1	1839	59	47
0150_01	3750 ppm	Day : 22	4.6	946	29	13
0151_01	7500 ppm	Day : 4	4	1602	43	49
0151_01	7500 ppm	Day : 22	4.9	885	43	10
0152_01	7500 ppm	Day : 4	3.8	1565	48	92
0152_01	7500 ppm	Day : 22	4.8	893	33	7
0153_01	7500 ppm	Day : 4	3.8	1719	52	69
0153_01	7500 ppm	Day : 22	4.6	1028	38	9
0154_01	7500 ppm	Day : 4	3.7	1759	81	52
0154_01	7500 ppm	Day : 22	5	959	33	8
0155_01	7500 ppm	Day : 4	4.3	1656	54	64
0155_01	7500 ppm	Day : 22	5	879	35	20

## MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0155_01	7500 ppm	Day : 22	5	879	35	20
0156_01	7500 ppm	Day : 4	4.1	1690	46	50
0156_01	7500 ppm	Day : 22	5.2	903	30	10
0157_01	7500 ppm	Day : 4	4.3	1911	63	34
0157_01	7500 ppm	Day : 22	4.9	905	38	5
0158_01	7500 ppm	Day : 4	3.9	1576	44	46
0158_01	7500 ppm	Day : 22	5	931	33	11
0159_01	7500 ppm	Day : 4	3.9	1647	54	35
0159_01	7500 ppm	Day : 22	5.1	897	36	11
0160_01	7500 ppm	Day : 4	3.9	1737	48	52
0160_01	7500 ppm	Day : 22	4.7	887	32	20
0161_01	15000 ppm	Day : 4	3.9	1691	54	16
0161_01	15000 ppm	Day : 22	4.9	952	47	9
0162_01	15000 ppm	Day : 4	4.1	1615	43	24
0162_01	15000 ppm	Day : 22	4.8	788	33	5
0163_01	15000 ppm	Day : 4	4	1774	54	39
0163_01	15000 ppm	Day : 22	5.1	907	41	19
0164_01	15000 ppm	Day : 4	3.8	1757	74	49
0164_01	15000 ppm	Day : 22	4.8	872	50	12
0165_01	15000 ppm	Day : 4	3.9	1749	81	36
0165_01	15000 ppm	Day : 22	4.8	803	32	7
0166_01	15000 ppm	Day : 4	3.9	1723	53	40



## MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0166_01	15000 ppm	Day : 22	5.1	888	39	7
0167_01	15000 ppm	Day : 4	4	1788	65	30
0167_01	15000 ppm	Day : 22	4.7	821	29	7
0168_01	15000 ppm	Day : 4	4	1949	67	70
0168_01	15000 ppm	Day : 22	5.1	884	36	12
0169_01	15000 ppm	Day : 4	4.1	1729	46	22
0169_01	15000 ppm	Day : 22	4.7	894	31	5
0170_01	15000 ppm	Day : 4	3.9	1847	59	58
0170_01	15000 ppm	Day : 22	4.9	921	32	8
0171_01	30000 ppm	Day : 4	4.2	1654	74	52
0171_01	30000 ppm	Day : 22	5	872	39	12
0172_01	30000 ppm	Day : 4	4.2	1502	51	27
0172_01	30000 ppm	Day : 22	4.9	759	54	13
0173_01	30000 ppm	Day : 4	4	1567	51	34
0173_01	30000 ppm	Day : 22	4.9	881	49	15
0174_01	30000 ppm	Day : 4	4	1690	56	27
0174_01	30000 ppm	Day : 22	5	850	36	8
0175_01	30000 ppm	Day : 4	4	1640	54	32
0175_01	30000 ppm	Day : 22	4.9	876	34	22
0176_01	30000 ppm	Day : 4	4.2	1489	108	56
0176_01	30000 ppm	Day : 22	5.1	810	34	11
0177_01	30000 ppm	Day : 4	3.8	1600	59	70

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

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First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0177_01	30000 ppm	Day : 4	3.8	1600	59	70
0177_01	30000 ppm	Day : 22	4.8	906	40	16
0178_01	30000 ppm	Day : 4	4.2	1806	72	57
0178_01	30000 ppm	Day : 22	4.8	819	36	16
0179_01	30000 ppm	Day : 4	4	1713	65	74
0179_01	30000 ppm	Day : 22	5	914	41	16
0180_01	30000 ppm	Day : 4	4	1682	51	54
0180_01	30000 ppm	Day : 22	5	812	34	6

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Lab: NA

## MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0001_01	0 ppm	Day : 92	19	191	0.6	6.2
0002_01	0 ppm	Day : 92	20	308	0.6	6.4
0003_01	0 ppm	Day : 92	19	271	0.6	6.3
0004_01	0 ppm	Day : 92	19	199	0.7	6.5
0005_01	0 ppm	Day : 92	21	275	0.7	6.7
0006_01	0 ppm	Day : 92	22	383	0.7	6.7
0007_01	0 ppm	Day : 92	22	437	0.7	7.3
0008_01	0 ppm	Day : 92	21	349	0.7	6.7
0009_01	0 ppm	Day : 92	20	191	0.7	7.4
0010_01	0 ppm	Day : 92	20	167	0.7	6.8
0011_01	1875 ppm	Day : 92	20	137	0.7	7.2
0012_01	1875 ppm	Day : 92	20	246	0.7	6.9
0013_01	1875 ppm	Day : 92	24	231	0.7	7
0014_01	1875 ppm	Day : 92	22	233	0.7	7.3
0015_01	1875 ppm	Day : 92	19	121	0.7	6.8
0016_01	1875 ppm	Day : 92	22	422	0.7	7.7
0017_01	1875 ppm	Day : 92	22	579	0.7	6.8
0018_01	1875 ppm	Day : 92	20	272	0.8	7.4
0019_01	1875 ppm	Day : 92	22	386	0.7	7.3
0020_01	1875 ppm	Day : 92	20	553	0.7	7.6
0021_01	3750 ppm	Day : 92	22	141	0.7	7.2
0022_01	3750 ppm	Day : 92	23	290	0.7	7.3

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Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0023_01	3750 ppm	Day : 92	21	219	0.7	7.2
0024_01	3750 ppm	Day : 92	22	146	0.7	7.1
0025_01	3750 ppm	Day : 92	22	939	0.8	7.3
0026_01	3750 ppm	Day : 92	21	198	0.7	7.4
0027_01	3750 ppm	Day : 92	20	253	0.8	7.8
0028_01	3750 ppm	Day : 92	20	236	0.7	7.2
0029_01	3750 ppm	Day : 92	21	163	0.8	7.5
0030_01	3750 ppm	Day : 92	21	80	0.7	7.2
0031_01	7500 ppm	Day : 92	21	138	0.8	7.7
0032_01	7500 ppm	Day : 92	21	114	0.7	7.2
0033_01	7500 ppm	Day : 92	21	396	0.7	7.4
0034_01	7500 ppm	Day : 92	23	299	0.8	7.1
0035_01	7500 ppm	Day : 92	23	368	0.7	7.1
0036_01	7500 ppm	Day : 92	25	386	0.7	7
0037_01	7500 ppm	Day : 92	22	462	0.7	7.3
0038_01	7500 ppm	Day : 92	18	183	0.7	7.5
0039_01	7500 ppm	Day : 92	24	334	0.7	7.4
0040_01	7500 ppm	Day : 92	23	310	0.8	8.2
0041_01	15000 ppm	Day : 92	24	217	0.8	7
0042_01	15000 ppm	Day : 92	22	358	0.7	7.5
0043_01	15000 ppm	Day : 92	22	412	0.8	7.9
0044_01	15000 ppm	Day : 92	25	348	0.8	6.9

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Lab: NA

## MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0045_01	15000 ppm	Day : 92	22	582	0.8	8
0046_01	15000 ppm	Day : 92	22	275	0.8	8
0047_01	15000 ppm	Day : 92	21	97	0.7	7.7
0048_01	15000 ppm	Day : 92	23	545	0.7	6.9
0049_01	15000 ppm	Day : 92	20	194	0.7	7
0050_01	15000 ppm	Day : 92	22	394	0.8	8.1
0051_01	30000 ppm	Day : 92	25	402	0.8	8.3
0052_01	30000 ppm	Day : 92	23	147	0.7	7.2
0053_01	30000 ppm	Day : 92	22	224	0.7	7.9
0054_01	30000 ppm	Day : 92	22	289	0.7	7
0055_01	30000 ppm	Day : 92	22	190	0.8	8.1
0056_01	30000 ppm	Day : 92	20	88	0.7	7.8
0057_01	30000 ppm	Day : 92	24	496	0.8	8.2
0058_01	30000 ppm	Day : 92	21	356	0.7	8.1
0059_01	30000 ppm	Day : 92	23	682	0.8	7.7
0060_01	30000 ppm	Day : 92	22	173	0.7	7.7
0121_01	0 ppm	Day : 4	16	341	0.5	6.1
0121_01	0 ppm	Day : 22	20	583	0.6	6.7
0122_01	0 ppm	Day : 4	18	375	0.5	5.6
0122_01	0 ppm	Day : 22	22	2450	0.6	6.3
0123_01	0 ppm	Day : 4	16	928	0.6	5.9
0123_01	0 ppm	Day : 22	20	1525	0.6	6.4

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First Dose M/F: NA / NA

Lab: NA

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Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0124_01	0 ppm	Day : 4	17	627	0.5	5.7
0124_01	0 ppm	Day : 22	22	488	0.6	6.4
0125_01	0 ppm	Day : 4	16	625	0.5	5.8
0125_01	0 ppm	Day : 22	23	264	0.6	6.2
0126_01	0 ppm	Day : 4	19	371	0.5	5.7
0126_01	0 ppm	Day : 22	21	766	0.6	6.4
0127_01	0 ppm	Day : 4	18	307	0.5	5.8
0127_01	0 ppm	Day : 22	20	326	0.6	6.2
0128_01	0 ppm	Day : 4	17	350	0.5	5.8
0128_01	0 ppm	Day : 22	19	856	0.6	6.1
0129_01	0 ppm	Day : 4	17	824	0.6	6
0129_01	0 ppm	Day : 22	21	514	0.6	6.3
0130_01	0 ppm	Day : 4	14	442	0.6	5.9
0130_01	0 ppm	Day : 22	21	314	0.6	6.3
0131_01	1875 ppm	Day : 4	19	834	0.6	5.6
0131_01	1875 ppm	Day : 22	23	349	0.7	6.6
0132_01	1875 ppm	Day : 4	19	656	0.6	5.7
0132_01	1875 ppm	Day : 22	22	576	0.7	6.8
0133_01	1875 ppm	Day : 4	16	235	0.5	5.7
0133_01	1875 ppm	Day : 22	22	311	0.7	7.1
0134_01	1875 ppm	Day : 4	18	812	0.6	5.3
0134_01	1875 ppm	Day : 22	22	622	0.8	6.7

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Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0135_01	1875 ppm	Day : 4	16	1049	0.6	5.7
0135_01	1875 ppm	Day : 22	22	512	0.7	6.8
0136_01	1875 ppm	Day : 4	19	556	0.6	6
0136_01	1875 ppm	Day : 22	24	496	0.7	7
0137_01	1875 ppm	Day : 4	18	400	0.6	5.6
0137_01	1875 ppm	Day : 22	22	285	0.8	6.8
0138_01	1875 ppm	Day : 4	15	221	0.6	5.8
0138_01	1875 ppm	Day : 22	22	314	0.7	6.8
0139_01	1875 ppm	Day : 4	19	355	0.6	5.6
0139_01	1875 ppm	Day : 22	22	348	0.6	6.7
0140_01	1875 ppm	Day : 4	19	861	0.7	5.9
0140_01	1875 ppm	Day : 22	22	291	0.7	6.8
0141_01	3750 ppm	Day : 4	17	315	0.6	5.6
0141_01	3750 ppm	Day : 22	23	425	0.7	7.1
0142_01	3750 ppm	Day : 4	21	2067	0.6	5.8
0142_01	3750 ppm	Day : 22	23	511	0.7	6.7
0143_01	3750 ppm	Day : 4	19	349	0.6	5.8
0143_01	3750 ppm	Day : 22	24	272	0.7	7
0144_01	3750 ppm	Day : 4	14	364	0.6	5.5
0144_01	3750 ppm	Day : 22	24	206	0.7	7
0145_01	3750 ppm	Day : 4	16	373	0.5	5.3
0145_01	3750 ppm	Day : 22	25	857	0.7	7

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:27

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0146_01	3750 ppm	Day : 4	17	357	0.6	5.4
0146_01	3750 ppm	Day : 22	22	538	0.7	6.7
0147_01	3750 ppm	Day : 4	17	488	0.6	5.5
0147_01	3750 ppm	Day : 22	22	598	0.7	7
0148_01	3750 ppm	Day : 4	14	652	0.6	5.7
0148_01	3750 ppm	Day : 22	21	257	0.7	7.2
0149_01	3750 ppm	Day : 4	18	768	0.6	5.4
0149_01	3750 ppm	Day : 22	22	297	0.7	6.9
0150_01	3750 ppm	Day : 4	19	1160	0.6	5.7
0150_01	3750 ppm	Day : 22	21	305	0.7	6.6
0151_01	7500 ppm	Day : 4	15	301	0.5	5.7
0151_01	7500 ppm	Day : 22	24	229	0.6	7.1
0152_01	7500 ppm	Day : 4	18	391	0.6	5.3
0152_01	7500 ppm	Day : 22	23	176	0.6	7
0153_01	7500 ppm	Day : 4	18	326	0.6	5.4
0153_01	7500 ppm	Day : 22	23	609	0.7	6.7
0154_01	7500 ppm	Day : 4	19	604	0.6	5.2
0154_01	7500 ppm	Day : 22	24	262	0.7	7.3
0155_01	7500 ppm	Day : 4	16	901	0.6	5.9
0155_01	7500 ppm	Day : 22	24	462	0.7	7.3
0156_01	7500 ppm	Day : 4	16	1071	0.7	5.8
0156_01	7500 ppm	Day : 22	22	567	0.7	7.5



Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:27

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0157_01	7500 ppm	Day : 4	18	1110	0.7	6.1
0157_01	7500 ppm	Day : 22	23	355	0.7	7.2
0158_01	7500 ppm	Day : 4	18	399	0.6	5.4
0158_01	7500 ppm	Day : 22	23	556	0.8	7.3
0159_01	7500 ppm	Day : 4	16	583	0.6	5.5
0159_01	7500 ppm	Day : 22	23	522	0.7	7.5
0160_01	7500 ppm	Day : 4	17	606	0.6	5.4
0160_01	7500 ppm	Day : 22	22	202	0.7	6.8
0161_01	15000 ppm	Day : 4	18	296	0.7	5.2
0161_01	15000 ppm	Day : 22	21	371	0.7	7.1
0162_01	15000 ppm	Day : 4	16	253	0.6	5.7
0162_01	15000 ppm	Day : 22	23	445	0.8	7.1
0163_01	15000 ppm	Day : 4	18	590	0.7	5.6
0163_01	15000 ppm	Day : 22	23	401	0.8	7.5
0164_01	15000 ppm	Day : 4	19	6080	0.7	5.4
0164_01	15000 ppm	Day : 22	21	281	0.7	7.1
0165_01	15000 ppm	Day : 4	18	891	0.7	5.5
0165_01	15000 ppm	Day : 22	23	379	0.7	7
0166_01	15000 ppm	Day : 4	17	443	0.7	5.6
0166_01	15000 ppm	Day : 22	22	233	0.7	7.5
0167_01	15000 ppm	Day : 4	17	703	0.7	5.4
0167_01	15000 ppm	Day : 22	21	272	0.7	6.9

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:27

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0168_01	15000 ppm	Day : 4	20	1141	0.7	5.5
0168_01	15000 ppm	Day : 22	22	302	0.7	7.5
0169_01	15000 ppm	Day : 4	17	615	0.6	5.6
0169_01	15000 ppm	Day : 22	22	315	0.7	7
0170_01	15000 ppm	Day : 4	19	491	0.6	5.3
0170_01	15000 ppm	Day : 22	23	218	0.7	7.1
0171_01	30000 ppm	Day : 4	18	1135	0.7	5.8
0171_01	30000 ppm	Day : 22	23	387	0.7	7.3
0172_01	30000 ppm	Day : 4	20	647	0.7	5.7
0172_01	30000 ppm	Day : 22	23	371	0.8	7.1
0173_01	30000 ppm	Day : 4	16	327	0.6	5.7
0173_01	30000 ppm	Day : 22	23	183	0.7	7.2
0174_01	30000 ppm	Day : 4	17	966	0.6	5.7
0174_01	30000 ppm	Day : 22	24	354	0.6	7.3
0175_01	30000 ppm	Day : 4	18	417	0.7	5.6
0175_01	30000 ppm	Day : 22	23	512	0.7	7.2
0176_01	30000 ppm	Day : 4	17	391	0.6	5.8
0176_01	30000 ppm	Day : 22	23	375	0.7	7.4
0177_01	30000 ppm	Day : 4	17	972	0.6	5.4
0177_01	30000 ppm	Day : 22	24	515	0.7	7.1
0178_01	30000 ppm	Day : 4	16	676	0.7	6.1
0178_01	30000 ppm	Day : 22	22	229	0.7	7.1

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:27

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0179_01	30000 ppm	Day : 4	16	291	0.6	5.6
0179_01	30000 ppm	Day : 22	22	216	0.7	7.4
0180_01	30000 ppm	Day : 4	16	510	0.6	5.7
0180_01	30000 ppm	Day : 22	23	388	0.8	7.4

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:27

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0001_01	0 ppm	Day : 92	53
0002_01	0 ppm	Day : 92	28
0003_01	0 ppm	Day : 92	56
0004_01	0 ppm	Day : 92	29
0005_01	0 ppm	Day : 92	49
0006_01	0 ppm	Day : 92	41
0007_01	0 ppm	Day : 92	39
0008_01	0 ppm	Day : 92	72
0009_01	0 ppm	Day : 92	39
0010_01	0 ppm	Day : 92	23
0011_01	1875 ppm	Day : 92	25
0012_01	1875 ppm	Day : 92	22
0013_01	1875 ppm	Day : 92	40
0014_01	1875 ppm	Day : 92	22
0015_01	1875 ppm	Day : 92	35
0016_01	1875 ppm	Day : 92	41
0017_01	1875 ppm	Day : 92	47
0018_01	1875 ppm	Day : 92	23
0019_01	1875 ppm	Day : 92	28
0020_01	1875 ppm	Day : 92	28
0021_01	3750 ppm	Day : 92	29
0022_01	3750 ppm	Day : 92	42

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:27

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0023_01	3750 ppm	Day : 92	22
0024_01	3750 ppm	Day : 92	25
0025_01	3750 ppm	Day : 92	36
0026_01	3750 ppm	Day : 92	29
0027_01	3750 ppm	Day : 92	31
0028_01	3750 ppm	Day : 92	28
0029_01	3750 ppm	Day : 92	21
0030_01	3750 ppm	Day : 92	23
0031_01	7500 ppm	Day : 92	26
0032_01	7500 ppm	Day : 92	25
0033_01	7500 ppm	Day : 92	37
0034_01	7500 ppm	Day : 92	43
0035_01	7500 ppm	Day : 92	40
0036_01	7500 ppm	Day : 92	85
0037_01	7500 ppm	Day : 92	37
0038_01	7500 ppm	Day : 92	22
0039_01	7500 ppm	Day : 92	44
0040_01	7500 ppm	Day : 92	56
0041_01	15000 ppm	Day : 92	31
0042_01	15000 ppm	Day : 92	36
0043_01	15000 ppm	Day : 92	29
0044_01	15000 ppm	Day : 92	62

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:27

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0045_01	15000 ppm	Day : 92	26
0046_01	15000 ppm	Day : 92	29
0047_01	15000 ppm	Day : 92	22
0048_01	15000 ppm	Day : 92	66
0049_01	15000 ppm	Day : 92	27
0050_01	15000 ppm	Day : 92	33
0051_01	30000 ppm	Day : 92	35
0052_01	30000 ppm	Day : 92	30
0053_01	30000 ppm	Day : 92	27
0054_01	30000 ppm	Day : 92	69
0055_01	30000 ppm	Day : 92	31
0056_01	30000 ppm	Day : 92	132
0057_01	30000 ppm	Day : 92	27
0058_01	30000 ppm	Day : 92	33
0059_01	30000 ppm	Day : 92	28
0060_01	30000 ppm	Day : 92	233
0121_01	0 ppm	Day : 4	17
0121_01	0 ppm	Day : 22	21
0122_01	0 ppm	Day : 4	11
0122_01	0 ppm	Day : 22	36
0123_01	0 ppm	Day : 4	23
0123_01	0 ppm	Day : 22	20

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:27

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0124_01	0 ppm	Day : 4	20
0124_01	0 ppm	Day : 22	18
0125_01	0 ppm	Day : 4	15
0125_01	0 ppm	Day : 22	18
0126_01	0 ppm	Day : 4	12
0126_01	0 ppm	Day : 22	20
0127_01	0 ppm	Day : 4	14
0127_01	0 ppm	Day : 22	14
0128_01	0 ppm	Day : 4	14
0128_01	0 ppm	Day : 22	19
0129_01	0 ppm	Day : 4	20
0129_01	0 ppm	Day : 22	24
0130_01	0 ppm	Day : 4	17
0130_01	0 ppm	Day : 22	22
0131_01	1875 ppm	Day : 4	33
0131_01	1875 ppm	Day : 22	25
0132_01	1875 ppm	Day : 4	27
0132_01	1875 ppm	Day : 22	25
0133_01	1875 ppm	Day : 4	19
0133_01	1875 ppm	Day : 22	25
0134_01	1875 ppm	Day : 4	22
0134_01	1875 ppm	Day : 22	26

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:27

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0135_01	1875 ppm	Day : 4	27
0135_01	1875 ppm	Day : 22	34
0136_01	1875 ppm	Day : 4	33
0136_01	1875 ppm	Day : 22	35
0137_01	1875 ppm	Day : 4	22
0137_01	1875 ppm	Day : 22	33
0138_01	1875 ppm	Day : 4	18
0138_01	1875 ppm	Day : 22	25
0139_01	1875 ppm	Day : 4	23
0139_01	1875 ppm	Day : 22	22
0140_01	1875 ppm	Day : 4	40
0140_01	1875 ppm	Day : 22	29
0141_01	3750 ppm	Day : 4	21
0141_01	3750 ppm	Day : 22	26
0142_01	3750 ppm	Day : 4	33
0142_01	3750 ppm	Day : 22	29
0143_01	3750 ppm	Day : 4	20
0143_01	3750 ppm	Day : 22	22
0144_01	3750 ppm	Day : 4	23
0144_01	3750 ppm	Day : 22	18
0145_01	3750 ppm	Day : 4	31
0145_01	3750 ppm	Day : 22	25



Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:27

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0146_01	3750 ppm	Day : 4	23
0146_01	3750 ppm	Day : 22	25
0147_01	3750 ppm	Day : 4	26
0147_01	3750 ppm	Day : 22	27
0148_01	3750 ppm	Day : 4	23
0148_01	3750 ppm	Day : 22	23
0149_01	3750 ppm	Day : 4	27
0149_01	3750 ppm	Day : 22	22
0150_01	3750 ppm	Day : 4	28
0150_01	3750 ppm	Day : 22	21
0151_01	7500 ppm	Day : 4	22
0151_01	7500 ppm	Day : 22	26
0152_01	7500 ppm	Day : 4	28
0152_01	7500 ppm	Day : 22	18
0153_01	7500 ppm	Day : 4	22
0153_01	7500 ppm	Day : 22	29
0154_01	7500 ppm	Day : 4	53
0154_01	7500 ppm	Day : 22	24
0155_01	7500 ppm	Day : 4	30
0155_01	7500 ppm	Day : 22	27
0156_01	7500 ppm	Day : 4	33
0156_01	7500 ppm	Day : 22	26

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:27

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0157_01	7500 ppm	Day : 4	52
0157_01	7500 ppm	Day : 22	31
0158_01	7500 ppm	Day : 4	23
0158_01	7500 ppm	Day : 22	28
0159_01	7500 ppm	Day : 4	26
0159_01	7500 ppm	Day : 22	26
0160_01	7500 ppm	Day : 4	28
0160_01	7500 ppm	Day : 22	18
0161_01	15000 ppm	Day : 4	32
0161_01	15000 ppm	Day : 22	35
0162_01	15000 ppm	Day : 4	22
0162_01	15000 ppm	Day : 22	27
0163_01	15000 ppm	Day : 4	31
0163_01	15000 ppm	Day : 22	33
0164_01	15000 ppm	Day : 4	30
0164_01	15000 ppm	Day : 22	33
0165_01	15000 ppm	Day : 4	49
0165_01	15000 ppm	Day : 22	23
0166_01	15000 ppm	Day : 4	31
0166_01	15000 ppm	Day : 22	25
0167_01	15000 ppm	Day : 4	33
0167_01	15000 ppm	Day : 22	21

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:27

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0168_01	15000 ppm	Day : 4	36
0168_01	15000 ppm	Day : 22	23
0169_01	15000 ppm	Day : 4	25
0169_01	15000 ppm	Day : 22	23
0170_01	15000 ppm	Day : 4	33
0170_01	15000 ppm	Day : 22	19
0171_01	30000 ppm	Day : 4	40
0171_01	30000 ppm	Day : 22	25
0172_01	30000 ppm	Day : 4	28
0172_01	30000 ppm	Day : 22	40
0173_01	30000 ppm	Day : 4	23
0173_01	30000 ppm	Day : 22	30
0174_01	30000 ppm	Day : 4	26
0174_01	30000 ppm	Day : 22	26
0175_01	30000 ppm	Day : 4	33
0175_01	30000 ppm	Day : 22	25
0176_01	30000 ppm	Day : 4	58
0176_01	30000 ppm	Day : 22	23
0177_01	30000 ppm	Day : 4	25
0177_01	30000 ppm	Day : 22	27
0178_01	30000 ppm	Day : 4	38
0178_01	30000 ppm	Day : 22	20

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:27

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0179_01	30000 ppm	Day : 4	25
0179_01	30000 ppm	Day : 22	24
0180_01	30000 ppm	Day : 4	28
0180_01	30000 ppm	Day : 22	23

## FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0061_01	0 ppm	Day : 92	4.5	438	49	41
0062_01	0 ppm	Day : 92	4.9	421	54	19
0063_01	0 ppm	Day : 92	4.8	401	75	28
0064_01	0 ppm	Day : 92	4.6	454	52	17
0065_01	0 ppm	Day : 92	4.9	330	46	23
0066_01	0 ppm	Day : 92	4.6	331	41	18
0067_01	0 ppm	Day : 92	4.6	338	52	19
0068_01	0 ppm	Day : 92	4.7	369	50	24
0069_01	0 ppm	Day : 92	4.7	520	49	49
0070_01	0 ppm	Day : 92	4.5	425	46	26
0071_01	1875 ppm	Day : 92	5.3	333	44	24
0072_01	1875 ppm	Day : 92	4.9	357	38	38
0073_01	1875 ppm	Day : 92	5.4	343	32	16
0074_01	1875 ppm	Day : 92	5.3	293	45	28
0075_01	1875 ppm	Day : 92	5	323	34	86
0076_01	1875 ppm	Day : 92	5.3	277	38	43
0077_01	1875 ppm	Day : 92	5	325	39	26
0078_01	1875 ppm	Day : 92	5	379	36	32
0079_01	1875 ppm	Day : 92	5	362	34	17
0080_01	1875 ppm	Day : 92	5.1	304	35	54
0081_01	3750 ppm	Day : 92	5.5	375	48	22
0082_01	3750 ppm	Day : 92	5.2	244	44	22

Experiment Number: 88036-01

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 02:12:27

First Dose M/F: NA / NA

Lab: NA

## FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0083_01	3750 ppm	Day : 92	5.5	260	40	20
0084_01	3750 ppm	Day : 92	5.3	268	37	45
0085_01	3750 ppm	Day : 92	5.2	318	38	37
0086_01	3750 ppm	Day : 92	5.5	367	39	37
0087_01	3750 ppm	Day : 92	5.3	392	39	30
0088_01	3750 ppm	Day : 92	5.7	323	48	63
0089_01	3750 ppm	Day : 92	5.1	325	38	50
0090_01	3750 ppm	Day : 92	5.2	336	38	32
0091_01	7500 ppm	Day : 92	5.6	360	54	25
0092_01	7500 ppm	Day : 92	5.5	240	40	13
0093_01	7500 ppm	Day : 92	5.4	318	101	27
0094_01	7500 ppm	Day : 92	5.9	264	37	20
0095_01	7500 ppm	Day : 92	5.4	237	128	29
0096_01	7500 ppm	Day : 92	5.5	346	84	31
0097_01	7500 ppm	Day : 92	5.2	234	51	19
0098_01	7500 ppm	Day : 92	6	339	70	23
0099_01	7500 ppm	Day : 92	5.4	355	52	42
0100_01	7500 ppm	Day : 92	5.3	241	43	31
0101_01	15000 ppm	Day : 92	5.7	202	40	17
0102_01	15000 ppm	Day : 92	5.3	322	41	26
0103_01	15000 ppm	Day : 92	5.3	235	33	19
0104_01	15000 ppm	Day : 92	5.5	277	36	19

## FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0104_01	15000 ppm	Day : 92	5.5	277	36	19
0105_01	15000 ppm	Day : 92	5.7	259	38	20
0106_01	15000 ppm	Day : 92	5.7	268	53	22
0107_01	15000 ppm	Day : 92	5.5	294	52	19
0108_01	15000 ppm	Day : 92	5.8	306	64	19
0109_01	15000 ppm	Day : 92	5.6	335	49	24
0110_01	15000 ppm	Day : 92	5.5	320	64	15
0111_01	30000 ppm	Day : 92	5.5	288	46	26
0112_01	30000 ppm	Day : 92	5.7	281	38	13
0113_01	30000 ppm	Day : 92	5.8	351	51	23
0114_01	30000 ppm	Day : 92	5.6	253	48	18
0115_01	30000 ppm	Day : 92	5.7	247	42	14
0116_01	30000 ppm	Day : 92	5.8	244	41	21
0117_01	30000 ppm	Day : 92	5.4	328	47	34
0118_01	30000 ppm	Day : 92	5.8	246	51	15
0119_01	30000 ppm	Day : 92	5.8	247	63	17
0120_01	30000 ppm	Day : 92	5.7	259	32	15
0181_01	0 ppm	Day : 4	4.5	1224	43	18
0181_01	0 ppm	Day : 22	4.6	878	44	33
0182_01	0 ppm	Day : 4	4.3	1160	46	19
0182_01	0 ppm	Day : 22	4.7	787	44	24
0183_01	0 ppm	Day : 4	4.3	1276	42	16

## FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0183_01	0 ppm	Day : 22	4.4	818	36	12
0184_01	0 ppm	Day : 4	4.2	1208	43	21
0184_01	0 ppm	Day : 22	4.7	924	43	20
0185_01	0 ppm	Day : 4	4.8	1405	52	27
0185_01	0 ppm	Day : 22	4.6	915	44	15
0186_01	0 ppm	Day : 4	4.4	1256	40	18
0186_01	0 ppm	Day : 22	4.8	845	43	13
0187_01	0 ppm	Day : 4	4.6	1290	40	15
0187_01	0 ppm	Day : 22	4.6	769	39	19
0188_01	0 ppm	Day : 4	4.3	1278	46	18
0188_01	0 ppm	Day : 22	4.7	881	38	18
0189_01	0 ppm	Day : 4	4.4	1277	47	30
0189_01	0 ppm	Day : 22	4.4	749	34	13
0190_01	0 ppm	Day : 4	4.5	1332	41	18
0190_01	0 ppm	Day : 22	4.7	887	48	16
0191_01	1875 ppm	Day : 4	4.3	1176	40	21
0191_01	1875 ppm	Day : 22	5	664	36	16
0192_01	1875 ppm	Day : 4	4.2	1087	45	19
0192_01	1875 ppm	Day : 22	4.9	592	37	20
0193_01	1875 ppm	Day : 4	4	1048	46	29
0193_01	1875 ppm	Day : 22	4.6	729	44	11
0194_01	1875 ppm	Day : 4	4.5	1207	44	26



## FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0194_01	1875 ppm	Day : 4	4.5	1207	44	26
0194_01	1875 ppm	Day : 22	4.9	746	37	19
0195_01	1875 ppm	Day : 4	4.2	1116	40	16
0195_01	1875 ppm	Day : 22	4.8	675	32	11
0196_01	1875 ppm	Day : 4	4.6	1440	57	26
0196_01	1875 ppm	Day : 22	5	833	36	23
0197_01	1875 ppm	Day : 4	4.4	1130	41	21
0197_01	1875 ppm	Day : 22	4.9	679	32	15
0198_01	1875 ppm	Day : 4	4.4	1057	45	31
0198_01	1875 ppm	Day : 22	4.7	617	38	24
0199_01	1875 ppm	Day : 4	4.5	1302	60	24
0199_01	1875 ppm	Day : 22	4.9	734	38	29
0200_01	1875 ppm	Day : 4	4.5	1160	43	19
0200_01	1875 ppm	Day : 22	5	706	33	19
0201_01	3750 ppm	Day : 4	4.4	1277	48	40
0201_01	3750 ppm	Day : 22	5.2	623	31	15
0202_01	3750 ppm	Day : 4	4.4	1210	53	24
0202_01	3750 ppm	Day : 22	5	655	32	14
0203_01	3750 ppm	Day : 4	4.4	1007	54	29
0203_01	3750 ppm	Day : 22	5.2	653	28	11
0204_01	3750 ppm	Day : 4	4.4	1282	50	29
0204_01	3750 ppm	Day : 22	4.9	698	30	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
0205_01	3750 ppm	Day : 4	4.4	1200	61	34
0205_01	3750 ppm	Day : 22	5	682	28	15
0206_01	3750 ppm	Day : 4	4.8	1206	78	43
0206_01	3750 ppm	Day : 22	4.8	668	30	16
0207_01	3750 ppm	Day : 4	4.3	1059	41	31
0207_01	3750 ppm	Day : 22	5	617	30	15
0208_01	3750 ppm	Day : 4	4.4	1165	46	28
0208_01	3750 ppm	Day : 22	5.2	675	30	27
0209_01	3750 ppm	Day : 4	4.2	1042	49	38
0209_01	3750 ppm	Day : 22	4.8	655	38	31
0210_01	3750 ppm	Day : 4	4.4	1160	46	47
0210_01	3750 ppm	Day : 22	4.8	585	35	25
0211_01	7500 ppm	Day : 4	4.4	965	58	43
0211_01	7500 ppm	Day : 22	5.2	516	33	15
0212_01	7500 ppm	Day : 4	4.1	1126	42	24
0212_01	7500 ppm	Day : 22	5	551	34	48
0213_01	7500 ppm	Day : 4	4.4	981	53	44
0213_01	7500 ppm	Day : 22	5	487	30	13
0214_01	7500 ppm	Day : 4	4.3	1162	46	57
0214_01	7500 ppm	Day : 22	5.4	562	35	10
0215_01	7500 ppm	Day : 4	4.3	1005	51	18
0215_01	7500 ppm	Day : 22	5.4	524	35	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
0215_01	7500 ppm	Day : 22	5.4	524	35	13
0216_01	7500 ppm	Day : 4	4.4	1005	52	29
0216_01	7500 ppm	Day : 22	5.5	582	31	21
0217_01	7500 ppm	Day : 4	4.2	1114	44	21
0217_01	7500 ppm	Day : 22	4.9	544	27	9
0218_01	7500 ppm	Day : 4	4.7	1049	49	27
0218_01	7500 ppm	Day : 22	5.2	593	33	12
0219_01	7500 ppm	Day : 4	4.2	1042	66	40
0219_01	7500 ppm	Day : 22	5.2	643	30	20
0220_01	7500 ppm	Day : 4	4.2	1122	49	24
0220_01	7500 ppm	Day : 22	5.3	607	28	16
0221_01	15000 ppm	Day : 4	4.1	919	53	19
0221_01	15000 ppm	Day : 22	5.2	557	35	49
0222_01	15000 ppm	Day : 4	4.4	1080	51	29
0222_01	15000 ppm	Day : 22	5.4	569	27	22
0223_01	15000 ppm	Day : 4	4.6	1154	61	31
0223_01	15000 ppm	Day : 22	5.5	571	29	22
0224_01	15000 ppm	Day : 4	4.2	1061	56	38
0224_01	15000 ppm	Day : 22	5.2	580	27	39
0225_01	15000 ppm	Day : 4	4.6	1224	47	28
0225_01	15000 ppm	Day : 22	5.5	616	26	22
0226_01	15000 ppm	Day : 4	4.4	1057	46	30

## FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0226_01	15000 ppm	Day : 22	5	633	34	16
0227_01	15000 ppm	Day : 4	4.4	914	68	23
0227_01	15000 ppm	Day : 22	5.2	641	37	18
0228_01	15000 ppm	Day : 4	4.4	1217	56	39
0228_01	15000 ppm	Day : 22	5.3	618	30	17
0229_01	15000 ppm	Day : 4	4.1	1348	49	46
0229_01	15000 ppm	Day : 22	5.2	598	28	12
0230_01	15000 ppm	Day : 4	4.2	1082	39	32
0231_01	30000 ppm	Day : 4	4.3	1165	48	19
0231_01	30000 ppm	Day : 22	5.5	596	37	31
0232_01	30000 ppm	Day : 4	4.7	1097	56	24
0232_01	30000 ppm	Day : 22	5.3	624	37	25
0233_01	30000 ppm	Day : 4	4.3	969	52	26
0233_01	30000 ppm	Day : 22	5.4	566	31	12
0234_01	30000 ppm	Day : 4	4.4	1189	47	20
0234_01	30000 ppm	Day : 22	5.4	549	31	21
0235_01	30000 ppm	Day : 4	4.4	1268	52	24
0235_01	30000 ppm	Day : 22	5.4	629	39	25
0236_01	30000 ppm	Day : 4	4.7	1307	56	42
0236_01	30000 ppm	Day : 22	5.7	729	44	17
0237_01	30000 ppm	Day : 4	4.6	1267	57	49
0237_01	30000 ppm	Day : 22	5.5	664	37	21

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:28

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0237_01	30000 ppm	Day : 22	5.5	664	37	21
0238_01	30000 ppm	Day : 4	4.5	1290	46	30
0238_01	30000 ppm	Day : 22	5.6	571	36	33
0239_01	30000 ppm	Day : 4	4.3	1063	48	22
0240_01	30000 ppm	Day : 4	4.6	1173	63	48
0240_01	30000 ppm	Day : 22	5.5	693	32	24

Experiment Number: 88036-01

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 02:12:28

First Dose M/F: NA / NA

Lab: NA

## FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0061_01	0 ppm	Day : 92	16	286	0.6	6.3
0062_01	0 ppm	Day : 92	19	360	0.6	6.9
0063_01	0 ppm	Day : 92	19	298	0.7	6.6
0064_01	0 ppm	Day : 92	20	186	0.7	6.5
0065_01	0 ppm	Day : 92	19	263	0.7	6.6
0066_01	0 ppm	Day : 92	18	413	0.6	6.3
0067_01	0 ppm	Day : 92	21	192	0.6	6.3
0068_01	0 ppm	Day : 92	17	173	0.7	6.3
0069_01	0 ppm	Day : 92	19	331	0.7	6.5
0070_01	0 ppm	Day : 92	18	281	0.7	6.3
0071_01	1875 ppm	Day : 92	21	113	0.6	7.3
0072_01	1875 ppm	Day : 92	22	194	0.7	6.8
0073_01	1875 ppm	Day : 92	17	597	0.7	7.5
0074_01	1875 ppm	Day : 92	19	317	0.7	7.3
0075_01	1875 ppm	Day : 92	21	325	0.7	7.1
0076_01	1875 ppm	Day : 92	22	190	0.7	7.7
0077_01	1875 ppm	Day : 92	18	155	0.7	7.2
0078_01	1875 ppm	Day : 92	21	192	0.7	7
0079_01	1875 ppm	Day : 92	18	163	0.6	7.1
0080_01	1875 ppm	Day : 92	18	234	0.7	7.3
0081_01	3750 ppm	Day : 92	20	235	0.7	7.7
0082_01	3750 ppm	Day : 92	21	332	0.7	7.4

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P42: Clinical Chemistry Data

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Species/Strain: Rat/Fischer 344

Time Report Requested: 02:12:28

First Dose M/F: NA / NA

Lab: NA

## FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0083_01	3750 ppm	Day : 92	19	315	0.7	7.7
0084_01	3750 ppm	Day : 92	19	233	0.7	7.6
0085_01	3750 ppm	Day : 92	21	113	0.7	7.4
0086_01	3750 ppm	Day : 92	23	170	0.7	7.7
0087_01	3750 ppm	Day : 92	22	243	0.7	7.4
0088_01	3750 ppm	Day : 92	21	354	0.7	7.9
0089_01	3750 ppm	Day : 92	21	161	0.7	7.3
0090_01	3750 ppm	Day : 92	19	137	0.7	7.3
0091_01	7500 ppm	Day : 92	21	424	0.8	8
0092_01	7500 ppm	Day : 92	20	474	0.7	7.9
0093_01	7500 ppm	Day : 92	18	377	0.7	7.7
0094_01	7500 ppm	Day : 92	19	119	0.7	8.4
0095_01	7500 ppm	Day : 92	19	176	0.7	7.7
0096_01	7500 ppm	Day : 92	19	198	0.7	7.8
0097_01	7500 ppm	Day : 92	16	183	0.7	7.5
0098_01	7500 ppm	Day : 92	18	630	0.8	8.5
0099_01	7500 ppm	Day : 92	19	407	0.7	7.7
0100_01	7500 ppm	Day : 92	16	281	0.7	7.5
0101_01	15000 ppm	Day : 92	20	360	0.7	8.1
0102_01	15000 ppm	Day : 92	20	403	0.8	7.5
0103_01	15000 ppm	Day : 92	18	538	0.6	7.5
0104_01	15000 ppm	Day : 92	20	219	0.7	7.8

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P42: Clinical Chemistry Data

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Species/Strain: Rat/Fischer 344

Time Report Requested: 02:12:28

First Dose M/F: NA / NA

Lab: NA

## FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0105_01	15000 ppm	Day : 92	19	523	0.7	8
0106_01	15000 ppm	Day : 92	20	317	0.7	8.1
0107_01	15000 ppm	Day : 92	18	213	0.7	7.7
0108_01	15000 ppm	Day : 92	20	239	0.7	8.2
0109_01	15000 ppm	Day : 92	18	151	0.7	8.1
0110_01	15000 ppm	Day : 92	16	154	0.7	7.8
0111_01	30000 ppm	Day : 92	21	216	0.7	8
0112_01	30000 ppm	Day : 92	19	301	0.7	8.2
0113_01	30000 ppm	Day : 92	18	458	0.7	8.3
0114_01	30000 ppm	Day : 92	19	274	0.6	8
0115_01	30000 ppm	Day : 92	17	227	0.7	8.1
0116_01	30000 ppm	Day : 92	23	93	0.7	8.2
0117_01	30000 ppm	Day : 92	18	175	0.7	8
0118_01	30000 ppm	Day : 92	20	225	0.7	8.3
0119_01	30000 ppm	Day : 92	22	191	0.8	8.1
0120_01	30000 ppm	Day : 92	18	144	0.8	8.1
0181_01	0 ppm	Day : 4	21	1147	0.6	6.4
0181_01	0 ppm	Day : 22	23	306	0.7	6.4
0182_01	0 ppm	Day : 4	22	525	0.6	5.9
0182_01	0 ppm	Day : 22	25	425	0.7	6.4
0183_01	0 ppm	Day : 4	22	465	0.6	5.8
0183_01	0 ppm	Day : 22	21	277	0.6	6.1



Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

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First Dose M/F: NA / NA

Lab: NA

## FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0184_01	0 ppm	Day : 4	19	1337	0.6	5.8
0184_01	0 ppm	Day : 22	24	309	0.6	6.3
0185_01	0 ppm	Day : 4	18	545	0.6	6.4
0185_01	0 ppm	Day : 22	24	239	0.6	6.3
0186_01	0 ppm	Day : 4	22	793	0.6	6
0186_01	0 ppm	Day : 22	23	846	0.7	6.4
0187_01	0 ppm	Day : 4	20	340	0.6	6.2
0187_01	0 ppm	Day : 22	20	313	0.6	6.4
0188_01	0 ppm	Day : 4	18	478	0.5	5.8
0188_01	0 ppm	Day : 22	21	441	0.6	6.4
0189_01	0 ppm	Day : 4	20	654	0.6	6
0189_01	0 ppm	Day : 22	21	221	0.6	6.1
0190_01	0 ppm	Day : 4	17	402	0.5	6.1
0190_01	0 ppm	Day : 22	20	148	0.6	6.5
0191_01	1875 ppm	Day : 4	16	773	0.6	5.9
0191_01	1875 ppm	Day : 22	19	404	0.6	6.8
0192_01	1875 ppm	Day : 4	17	399	0.6	5.6
0192_01	1875 ppm	Day : 22	19	251	0.6	6.8
0193_01	1875 ppm	Day : 4	16	373	0.6	5.4
0193_01	1875 ppm	Day : 22	18	342	0.6	6.4
0194_01	1875 ppm	Day : 4	18	413	0.6	6
0194_01	1875 ppm	Day : 22	20	301	0.6	6.7

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Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:28

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0195_01	1875 ppm	Day : 4	23	838	0.6	5.7
0195_01	1875 ppm	Day : 22	20	257	0.6	6.5
0196_01	1875 ppm	Day : 4	21	3030	0.6	6.4
0196_01	1875 ppm	Day : 22	21	500	0.7	6.9
0197_01	1875 ppm	Day : 4	16	655	0.6	5.9
0197_01	1875 ppm	Day : 22	22	399	0.7	6.8
0198_01	1875 ppm	Day : 4	15	845	0.6	6
0198_01	1875 ppm	Day : 22	22	395	0.6	6.4
0199_01	1875 ppm	Day : 4	20	1285	0.7	6.1
0199_01	1875 ppm	Day : 22	22	597	0.7	6.7
0200_01	1875 ppm	Day : 4	19	487	0.6	6.1
0200_01	1875 ppm	Day : 22	19	513	0.7	6.9
0201_01	3750 ppm	Day : 4	16	858	0.6	6
0201_01	3750 ppm	Day : 22	22	392	0.7	7.2
0202_01	3750 ppm	Day : 4	16	340	0.6	5.8
0202_01	3750 ppm	Day : 22	20	218	0.7	7.1
0203_01	3750 ppm	Day : 4	17	1617	0.6	6
0203_01	3750 ppm	Day : 22	21	271	0.7	7.5
0204_01	3750 ppm	Day : 4	16	1103	0.6	6
0204_01	3750 ppm	Day : 22	20	142	0.6	7
0205_01	3750 ppm	Day : 4	16	1829	0.6	5.9
0205_01	3750 ppm	Day : 22	20	487	0.7	7.1

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Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:28

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0206_01	3750 ppm	Day : 4	21	1632	0.7	6.6
0206_01	3750 ppm	Day : 22	23	174	0.7	6.6
0207_01	3750 ppm	Day : 4	16	296	0.6	5.8
0207_01	3750 ppm	Day : 22	21	423	0.7	6.8
0208_01	3750 ppm	Day : 4	16	519	0.6	5.9
0208_01	3750 ppm	Day : 22	21	409	0.8	7.4
0209_01	3750 ppm	Day : 4	18	468	0.6	5.6
0209_01	3750 ppm	Day : 22	23	448	0.6	6.7
0210_01	3750 ppm	Day : 4	18	653	0.6	6
0210_01	3750 ppm	Day : 22	20	203	0.6	6.6
0211_01	7500 ppm	Day : 4	17	1094	0.7	5.8
0211_01	7500 ppm	Day : 22	21	276	0.7	7.5
0212_01	7500 ppm	Day : 4	17	810	0.6	5.6
0212_01	7500 ppm	Day : 22	19	973	0.6	7.2
0213_01	7500 ppm	Day : 4	19	421	0.6	5.8
0213_01	7500 ppm	Day : 22	19	208	0.7	7.2
0214_01	7500 ppm	Day : 4	17	411	0.6	5.9
0214_01	7500 ppm	Day : 22	21	296	0.6	7.7
0215_01	7500 ppm	Day : 4	21	968	0.6	5.8
0215_01	7500 ppm	Day : 22	26	421	0.7	7.7
0216_01	7500 ppm	Day : 4	17	311	0.6	5.9
0216_01	7500 ppm	Day : 22	19	588	0.7	7.9

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Species/Strain: Rat/Fischer 344

Time Report Requested: 02:12:28

First Dose M/F: NA / NA

Lab: NA

## FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0217_01	7500 ppm	Day : 4	18	1052	0.6	5.8
0217_01	7500 ppm	Day : 22	18	276	0.6	7.1
0218_01	7500 ppm	Day : 4	19	1055	0.7	6.1
0218_01	7500 ppm	Day : 22	19	210	0.6	7.5
0219_01	7500 ppm	Day : 4	20	2129	0.7	5.8
0219_01	7500 ppm	Day : 22	22	593	0.7	7.4
0220_01	7500 ppm	Day : 4	18	297	0.6	5.7
0220_01	7500 ppm	Day : 22	19	848	0.6	7.5
0221_01	15000 ppm	Day : 4	16	301	0.7	5.5
0221_01	15000 ppm	Day : 22	22	217	0.6	7.3
0222_01	15000 ppm	Day : 4	20	540	0.7	5.9
0222_01	15000 ppm	Day : 22	22	261	0.7	7.6
0223_01	15000 ppm	Day : 4	18	630	0.6	6.2
0223_01	15000 ppm	Day : 22	22	243	0.7	8
0224_01	15000 ppm	Day : 4	17	648	0.6	5.6
0224_01	15000 ppm	Day : 22	20	133	0.6	7.3
0225_01	15000 ppm	Day : 4	17	550	0.6	6.2
0225_01	15000 ppm	Day : 22	21	282	0.7	8
0226_01	15000 ppm	Day : 4	17	595	0.6	5.8
0226_01	15000 ppm	Day : 22	18	199	0.6	7.2
0227_01	15000 ppm	Day : 4	18	1176	0.6	5.8
0227_01	15000 ppm	Day : 22	23	275	0.7	7.6

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:28

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0228_01	15000 ppm	Day : 4	14	608	0.6	6.1
0228_01	15000 ppm	Day : 22	20	235	0.6	7.8
0229_01	15000 ppm	Day : 4	19	519	0.7	5.5
0229_01	15000 ppm	Day : 22	23	195	0.7	7.6
0230_01	15000 ppm	Day : 4	18	876	0.6	5.9
0231_01	30000 ppm	Day : 4	19	732	0.6	5.9
0231_01	30000 ppm	Day : 22	21	738	0.7	8.1
0232_01	30000 ppm	Day : 4	20	511	0.7	6.5
0232_01	30000 ppm	Day : 22	22	490	0.7	7.6
0233_01	30000 ppm	Day : 4	17	933	0.6	6
0233_01	30000 ppm	Day : 22	23	470	0.7	7.6
0234_01	30000 ppm	Day : 4	19	680	0.7	5.9
0234_01	30000 ppm	Day : 22	23	154	0.7	7.8
0235_01	30000 ppm	Day : 4	18	646	0.7	6.1
0235_01	30000 ppm	Day : 22	20	312	0.6	7.7
0236_01	30000 ppm	Day : 4	17	410	0.6	6.3
0236_01	30000 ppm	Day : 22	26	1512	0.8	8.2
0237_01	30000 ppm	Day : 4	19	283	0.7	6.1
0237_01	30000 ppm	Day : 22	23	142	0.7	7.7
0238_01	30000 ppm	Day : 4	17	533	0.6	6.3
0238_01	30000 ppm	Day : 22	24	178	0.7	8.1
0239_01	30000 ppm	Day : 4	16	499	0.6	5.9

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

**P42: Clinical Chemistry Data**

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:29

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0240_01	30000 ppm	Day : 4	21	1380	0.7	6.2
0240_01	30000 ppm	Day : 22	24	288	0.7	7.9

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:29

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0061_01	0 ppm	Day : 92	25
0062_01	0 ppm	Day : 92	22
0063_01	0 ppm	Day : 92	51
0064_01	0 ppm	Day : 92	29
0065_01	0 ppm	Day : 92	15
0066_01	0 ppm	Day : 92	17
0067_01	0 ppm	Day : 92	15
0068_01	0 ppm	Day : 92	14
0069_01	0 ppm	Day : 92	23
0070_01	0 ppm	Day : 92	17
0071_01	1875 ppm	Day : 92	17
0072_01	1875 ppm	Day : 92	26
0073_01	1875 ppm	Day : 92	28
0074_01	1875 ppm	Day : 92	34
0075_01	1875 ppm	Day : 92	31
0076_01	1875 ppm	Day : 92	23
0077_01	1875 ppm	Day : 92	14
0078_01	1875 ppm	Day : 92	19
0079_01	1875 ppm	Day : 92	20
0080_01	1875 ppm	Day : 92	26
0081_01	3750 ppm	Day : 92	30
0082_01	3750 ppm	Day : 92	28

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:29

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0083_01	3750 ppm	Day : 92	25
0084_01	3750 ppm	Day : 92	28
0085_01	3750 ppm	Day : 92	18
0086_01	3750 ppm	Day : 92	25
0087_01	3750 ppm	Day : 92	27
0088_01	3750 ppm	Day : 92	32
0089_01	3750 ppm	Day : 92	27
0090_01	3750 ppm	Day : 92	20
0091_01	7500 ppm	Day : 92	37
0092_01	7500 ppm	Day : 92	24
0093_01	7500 ppm	Day : 92	58
0094_01	7500 ppm	Day : 92	21
0095_01	7500 ppm	Day : 92	60
0096_01	7500 ppm	Day : 92	47
0097_01	7500 ppm	Day : 92	31
0098_01	7500 ppm	Day : 92	45
0099_01	7500 ppm	Day : 92	32
0100_01	7500 ppm	Day : 92	31
0101_01	15000 ppm	Day : 92	33
0102_01	15000 ppm	Day : 92	31
0103_01	15000 ppm	Day : 92	27
0104_01	15000 ppm	Day : 92	26



Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:29

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0105_01	15000 ppm	Day : 92	28
0106_01	15000 ppm	Day : 92	35
0107_01	15000 ppm	Day : 92	28
0108_01	15000 ppm	Day : 92	37
0109_01	15000 ppm	Day : 92	28
0110_01	15000 ppm	Day : 92	35
0111_01	30000 ppm	Day : 92	25
0112_01	30000 ppm	Day : 92	25
0113_01	30000 ppm	Day : 92	31
0114_01	30000 ppm	Day : 92	26
0115_01	30000 ppm	Day : 92	25
0116_01	30000 ppm	Day : 92	22
0117_01	30000 ppm	Day : 92	30
0118_01	30000 ppm	Day : 92	33
0119_01	30000 ppm	Day : 92	34
0120_01	30000 ppm	Day : 92	17
0181_01	0 ppm	Day : 4	18
0181_01	0 ppm	Day : 22	17
0182_01	0 ppm	Day : 4	16
0182_01	0 ppm	Day : 22	18
0183_01	0 ppm	Day : 4	11
0183_01	0 ppm	Day : 22	16

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:29

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0184_01	0 ppm	Day : 4	15
0184_01	0 ppm	Day : 22	18
0185_01	0 ppm	Day : 4	18
0185_01	0 ppm	Day : 22	22
0186_01	0 ppm	Day : 4	16
0186_01	0 ppm	Day : 22	20
0187_01	0 ppm	Day : 4	11
0187_01	0 ppm	Day : 22	17
0188_01	0 ppm	Day : 4	13
0188_01	0 ppm	Day : 22	17
0189_01	0 ppm	Day : 4	15
0189_01	0 ppm	Day : 22	17
0190_01	0 ppm	Day : 4	14
0190_01	0 ppm	Day : 22	15
0191_01	1875 ppm	Day : 4	26
0191_01	1875 ppm	Day : 22	27
0192_01	1875 ppm	Day : 4	25
0192_01	1875 ppm	Day : 22	19
0193_01	1875 ppm	Day : 4	21
0193_01	1875 ppm	Day : 22	23
0194_01	1875 ppm	Day : 4	24
0194_01	1875 ppm	Day : 22	23

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:29

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0195_01	1875 ppm	Day : 4	26
0195_01	1875 ppm	Day : 22	14
0196_01	1875 ppm	Day : 4	31
0196_01	1875 ppm	Day : 22	23
0197_01	1875 ppm	Day : 4	26
0197_01	1875 ppm	Day : 22	24
0198_01	1875 ppm	Day : 4	26
0198_01	1875 ppm	Day : 22	22
0199_01	1875 ppm	Day : 4	33
0199_01	1875 ppm	Day : 22	20
0200_01	1875 ppm	Day : 4	29
0200_01	1875 ppm	Day : 22	25
0201_01	3750 ppm	Day : 4	33
0201_01	3750 ppm	Day : 22	23
0202_01	3750 ppm	Day : 4	25
0202_01	3750 ppm	Day : 22	23
0203_01	3750 ppm	Day : 4	22
0203_01	3750 ppm	Day : 22	22
0204_01	3750 ppm	Day : 4	31
0204_01	3750 ppm	Day : 22	17
0205_01	3750 ppm	Day : 4	29
0205_01	3750 ppm	Day : 22	26

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:29

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0206_01	3750 ppm	Day : 4	75
0206_01	3750 ppm	Day : 22	16
0207_01	3750 ppm	Day : 4	24
0207_01	3750 ppm	Day : 22	22
0208_01	3750 ppm	Day : 4	24
0208_01	3750 ppm	Day : 22	30
0209_01	3750 ppm	Day : 4	27
0209_01	3750 ppm	Day : 22	23
0210_01	3750 ppm	Day : 4	29
0210_01	3750 ppm	Day : 22	18
0211_01	7500 ppm	Day : 4	44
0211_01	7500 ppm	Day : 22	22
0212_01	7500 ppm	Day : 4	30
0212_01	7500 ppm	Day : 22	22
0213_01	7500 ppm	Day : 4	25
0213_01	7500 ppm	Day : 22	16
0214_01	7500 ppm	Day : 4	24
0214_01	7500 ppm	Day : 22	19
0215_01	7500 ppm	Day : 4	31
0215_01	7500 ppm	Day : 22	22
0216_01	7500 ppm	Day : 4	33
0216_01	7500 ppm	Day : 22	24

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:29

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0217_01	7500 ppm	Day : 4	29
0217_01	7500 ppm	Day : 22	22
0218_01	7500 ppm	Day : 4	32
0218_01	7500 ppm	Day : 22	18
0219_01	7500 ppm	Day : 4	39
0219_01	7500 ppm	Day : 22	25
0220_01	7500 ppm	Day : 4	20
0220_01	7500 ppm	Day : 22	22
0221_01	15000 ppm	Day : 4	25
0221_01	15000 ppm	Day : 22	20
0222_01	15000 ppm	Day : 4	34
0222_01	15000 ppm	Day : 22	21
0223_01	15000 ppm	Day : 4	27
0223_01	15000 ppm	Day : 22	20
0224_01	15000 ppm	Day : 4	30
0224_01	15000 ppm	Day : 22	17
0225_01	15000 ppm	Day : 4	31
0225_01	15000 ppm	Day : 22	22
0226_01	15000 ppm	Day : 4	28
0226_01	15000 ppm	Day : 22	15
0227_01	15000 ppm	Day : 4	31
0227_01	15000 ppm	Day : 22	21

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:29

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0228_01	15000 ppm	Day : 4	37
0228_01	15000 ppm	Day : 22	19
0229_01	15000 ppm	Day : 4	33
0229_01	15000 ppm	Day : 22	18
0230_01	15000 ppm	Day : 4	25
0231_01	30000 ppm	Day : 4	29
0231_01	30000 ppm	Day : 22	24
0232_01	30000 ppm	Day : 4	31
0232_01	30000 ppm	Day : 22	23
0233_01	30000 ppm	Day : 4	27
0233_01	30000 ppm	Day : 22	22
0234_01	30000 ppm	Day : 4	34
0234_01	30000 ppm	Day : 22	16
0235_01	30000 ppm	Day : 4	32
0235_01	30000 ppm	Day : 22	20
0236_01	30000 ppm	Day : 4	26
0236_01	30000 ppm	Day : 22	27
0237_01	30000 ppm	Day : 4	28
0237_01	30000 ppm	Day : 22	12
0238_01	30000 ppm	Day : 4	28
0238_01	30000 ppm	Day : 22	19
0239_01	30000 ppm	Day : 4	28

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:12:29

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0240_01	30000 ppm	Day : 4	36
0240_01	30000 ppm	Day : 22	19

\*\* END OF REPORT \*\*