

**Experiment Number:** 88120-01

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

**P42: Clinical Chemistry Data**

**Date Report Requested:** 10/24/2014

**Time Report Requested:** 17:15:12

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

**Lab:** NA

**C Number:** C88120

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Both

Experiment Number: 88120-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:15:12

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	4.7	549	58	17.1
0002_01	0 ppm	Day : 92	5	573	54	22.3
0003_01	0 ppm	Day : 92	4.8	593	86	19.6
0004_01	0 ppm	Day : 92	5	600	68	27.7
0005_01	0 ppm	Day : 92	5	588	59	37.9
0006_01	0 ppm	Day : 92	4.6	587	61	15
0007_01	0 ppm	Day : 92	5.2	607	70	32.1
0008_01	0 ppm	Day : 92	5.1	675	113	19.8
0009_01	0 ppm	Day : 92	4.9	600	92	31.9
0010_01	0 ppm	Day : 92	5.1	649	67	28.1
0011_01	30 ppm	Day : 92	3.8	297	29	19.2
0012_01	30 ppm	Day : 92	5.1	536	62	21.5
0013_01	30 ppm	Day : 92	5.1	545	81	23.5
0014_01	30 ppm	Day : 92	5.2	457	58	32.3
0015_01	30 ppm	Day : 92	5	484	51	30.4
0016_01	30 ppm	Day : 92	5.1	553	54	21.9
0017_01	30 ppm	Day : 92	5.1	546	43	19.4
0018_01	30 ppm	Day : 92	4.8	515	59	21.7
0019_01	30 ppm	Day : 92	5.1	592	47	20.4
0020_01	30 ppm	Day : 92	5.1	566	49	25.2
0021_01	100 ppm	Day : 92	4.8	456	43	28.7
0022_01	100 ppm	Day : 92	5.5	493	50	23.7

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First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0023_01	100 ppm	Day : 92	5	465	48	22.1
0024_01	100 ppm	Day : 92	4.9	428	40	19
0025_01	100 ppm	Day : 92	4.7	459	57	22.3
0026_01	100 ppm	Day : 92	5.1	417	56	50.6
0027_01	100 ppm	Day : 92	5.3	476	50	32.9
0028_01	100 ppm	Day : 92	5.1	458	39	24.2
0029_01	100 ppm	Day : 92	5	463	52	33.1
0030_01	100 ppm	Day : 92	5.3	487	69	21.7
0031_01	300 ppm	Day : 92	5.5	443	46	21.9
0032_01	300 ppm	Day : 92	5.9	515	71	27.5
0033_01	300 ppm	Day : 92	5.2	422	48	29
0034_01	300 ppm	Day : 92	5.3	472	49	25.4
0035_01	300 ppm	Day : 92	5.2	460	60	24.6
0036_01	300 ppm	Day : 92	5.3	512	53	22.7
0037_01	300 ppm	Day : 92	5.4	469	56	27.9
0038_01	300 ppm	Day : 92	5.3	495	58	21.3
0039_01	300 ppm	Day : 92	5.5	472	53	23.7
0040_01	300 ppm	Day : 92	5.5	476	113	26.2
0041_01	1000 ppm	Day : 92	5.1	441	52	23.1
0042_01	1000 ppm	Day : 92	5.3	439	53	26
0043_01	1000 ppm	Day : 92	5.2	394	62	26
0044_01	1000 ppm	Day : 92	5.1	394	72	28.7

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Species/Strain: Rat/Fischer 344

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Date Report Requested: 10/24/2014

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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
0044_01	1000 ppm	Day : 92	5.1	394	72	28.7
0045_01	1000 ppm	Day : 92	4.9	425	94	27.5
0046_01	1000 ppm	Day : 92	5.2	377	52	25.6
0047_01	1000 ppm	Day : 92	5.2	399	47	26.2
0048_01	1000 ppm	Day : 92	5	364	81	26.5
0049_01	1000 ppm	Day : 92	5	406	63	26.7
0050_01	1000 ppm	Day : 92	5.1	383	58	25.8
0051_01	3000 ppm	Day : 92	5.7	451	66	28.7
0052_01	3000 ppm	Day : 92	5.3	414	76	33.1
0053_01	3000 ppm	Day : 92	5.6	406	66	37.3
0054_01	3000 ppm	Day : 92	5.2	385	73	32.7
0055_01	3000 ppm	Day : 92	5.3	395	71	39.6
0056_01	3000 ppm	Day : 92	4.9	429	70	27.9
0057_01	3000 ppm	Day : 92	5.4	419	93	32.1
0058_01	3000 ppm	Day : 92	5.1	408	50	26.2
0059_01	3000 ppm	Day : 92	4.9	440	54	28.8
0060_01	3000 ppm	Day : 92	5.5	462	113	33.3

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First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine mg per dL	Creatine Kinase IU per L	Creatinine U per L
0001_01	0 ppm	Day : 92	22	1.1	133	0.6
0002_01	0 ppm	Day : 92	19	1.4	231	0.7
0003_01	0 ppm	Day : 92	19	1.1	224	0.7
0004_01	0 ppm	Day : 92	20	1.3	94	0.7
0005_01	0 ppm	Day : 92	20	1.2	211	0.7
0006_01	0 ppm	Day : 92	21	1.6	166	0.6
0007_01	0 ppm	Day : 92	20	1.7	181	0.7
0008_01	0 ppm	Day : 92	21	2	102	0.7
0009_01	0 ppm	Day : 92	21	1.4	196	0.7
0010_01	0 ppm	Day : 92	22	2	122	0.7
0011_01	30 ppm	Day : 92	14	1.9	141	0.6
0012_01	30 ppm	Day : 92	19	1.7	351	0.7
0013_01	30 ppm	Day : 92	19	1.2	258	0.7
0014_01	30 ppm	Day : 92	18	1.2	193	0.7
0015_01	30 ppm	Day : 92	20	1.3	113	0.7
0016_01	30 ppm	Day : 92	19	0.9	185	0.7
0017_01	30 ppm	Day : 92	18	0.9	180	0.7
0018_01	30 ppm	Day : 92	18	0.6	793	0.7
0019_01	30 ppm	Day : 92	19	0.9	252	0.7
0020_01	30 ppm	Day : 92	18	1.1	283	0.8
0021_01	100 ppm	Day : 92	21	1	225	0.7
0022_01	100 ppm	Day : 92	21	1.4	145	0.7

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First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine mg per dL	Creatine Kinase IU per L	Creatinine U per L
0023_01	100 ppm	Day : 92	18	1.2	448	0.7
0024_01	100 ppm	Day : 92	18	1	162	0.7
0025_01	100 ppm	Day : 92	21	1	174	0.7
0026_01	100 ppm	Day : 92	19	1	403	0.7
0027_01	100 ppm	Day : 92	21	1.3	435	0.7
0028_01	100 ppm	Day : 92	20	1.6	123	0.7
0029_01	100 ppm	Day : 92	20	1.7	473	0.7
0030_01	100 ppm	Day : 92	19	1.3	364	0.6
0031_01	300 ppm	Day : 92	21	1.1	110	0.7
0032_01	300 ppm	Day : 92	20	1	139	0.7
0033_01	300 ppm	Day : 92	20	0.7	858	0.7
0034_01	300 ppm	Day : 92	22	1	263	0.7
0035_01	300 ppm	Day : 92	22	1.1	108	0.7
0036_01	300 ppm	Day : 92	19	1.7	112	0.6
0037_01	300 ppm	Day : 92	21	1.3	181	0.7
0038_01	300 ppm	Day : 92	21	1.4	156	0.7
0039_01	300 ppm	Day : 92	22	1	125	0.7
0040_01	300 ppm	Day : 92	22	1.3	191	0.7
0041_01	1000 ppm	Day : 92	21	1.4	104	0.7
0042_01	1000 ppm	Day : 92	21	1.1	143	0.8
0043_01	1000 ppm	Day : 92	20	1.3	97	0.7
0044_01	1000 ppm	Day : 92	22	0.9	146	0.7

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Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine mg per dL	Creatine Kinase IU per L	Creatinine U per L
0045_01	1000 ppm	Day : 92	22	1.5	120	0.7
0046_01	1000 ppm	Day : 92	21	0.7	328	0.7
0047_01	1000 ppm	Day : 92	22	1.2	151	0.8
0048_01	1000 ppm	Day : 92	20	0.8	176	0.6
0049_01	1000 ppm	Day : 92	22	1.1	251	0.7
0050_01	1000 ppm	Day : 92	19	1.1	118	0.7
0051_01	3000 ppm	Day : 92	24	1.7	118	0.8
0052_01	3000 ppm	Day : 92	24	1	330	0.8
0053_01	3000 ppm	Day : 92	25	1.8	175	0.8
0054_01	3000 ppm	Day : 92	24	1.1	196	0.7
0055_01	3000 ppm	Day : 92	25	1.5	124	0.8
0056_01	3000 ppm	Day : 92	23	1.4	136	0.7
0057_01	3000 ppm	Day : 92	24	1.4	129	0.7
0058_01	3000 ppm	Day : 92	23	1.5	194	0.7
0059_01	3000 ppm	Day : 92	25	1.5	210	0.8
0060_01	3000 ppm	Day : 92	23	1.6	130	0.8

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First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Protein Total g per dL	SDH IU per L
0001_01	0 ppm	Day : 92	6.9	18.4
0002_01	0 ppm	Day : 92	7.5	19
0003_01	0 ppm	Day : 92	7.1	31.3
0004_01	0 ppm	Day : 92	7.5	20.2
0005_01	0 ppm	Day : 92	7.4	17.8
0006_01	0 ppm	Day : 92	7	15.3
0007_01	0 ppm	Day : 92	7.9	22.7
0008_01	0 ppm	Day : 92	7.8	31.9
0009_01	0 ppm	Day : 92	7.3	35.6
0010_01	0 ppm	Day : 92	7.5	17.2
0011_01	30 ppm	Day : 92	5.8	14.1
0012_01	30 ppm	Day : 92	7.6	31.3
0013_01	30 ppm	Day : 92	7.6	37.4
0014_01	30 ppm	Day : 92	7.8	24.5
0015_01	30 ppm	Day : 92	7.5	22.1
0016_01	30 ppm	Day : 92	7.6	23.9
0017_01	30 ppm	Day : 92	7.6	12.9
0018_01	30 ppm	Day : 92	7.3	25.1
0019_01	30 ppm	Day : 92	7.6	26.4
0020_01	30 ppm	Day : 92	7.7	22.7
0021_01	100 ppm	Day : 92	7.3	19
0022_01	100 ppm	Day : 92	8.3	17.2



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First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Protein Total g per dL	SDH IU per L
0023_01	100 ppm	Day : 92	7.6	22.1
0024_01	100 ppm	Day : 92	7.6	16.6
0025_01	100 ppm	Day : 92	7.1	27.6
0026_01	100 ppm	Day : 92	7.8	22.7
0027_01	100 ppm	Day : 92	7.9	20.2
0028_01	100 ppm	Day : 92	7.5	12.3
0029_01	100 ppm	Day : 92	7.6	23.3
0030_01	100 ppm	Day : 92	7.8	22.7
0031_01	300 ppm	Day : 92	8.3	15.9
0032_01	300 ppm	Day : 92	9.1	29.4
0033_01	300 ppm	Day : 92	7.9	23.9
0034_01	300 ppm	Day : 92	8	23.9
0035_01	300 ppm	Day : 92	7.9	19.6
0036_01	300 ppm	Day : 92	8	16.6
0037_01	300 ppm	Day : 92	8.4	22.1
0038_01	300 ppm	Day : 92	8.1	17.2
0039_01	300 ppm	Day : 92	8	17.8
0040_01	300 ppm	Day : 92	8.2	48.4
0041_01	1000 ppm	Day : 92	8.1	17.2
0042_01	1000 ppm	Day : 92	8.3	23.9
0043_01	1000 ppm	Day : 92	8.3	24.5
0044_01	1000 ppm	Day : 92	8	38

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Species/Strain: Rat/Fischer 344

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Time Report Requested: 17:15:12

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	Protein Total g per dL	SDH IU per L
0045_01	1000 ppm	Day : 92	8.1	33.1
0046_01	1000 ppm	Day : 92	7.9	19
0047_01	1000 ppm	Day : 92	8.7	22.1
0048_01	1000 ppm	Day : 92	7.8	38.6
0049_01	1000 ppm	Day : 92	7.9	28.2
0050_01	1000 ppm	Day : 92	8.5	23.9
0051_01	3000 ppm	Day : 92	9.2	31.9
0052_01	3000 ppm	Day : 92	8.6	49.1
0053_01	3000 ppm	Day : 92	8.8	38
0054_01	3000 ppm	Day : 92	8.6	39.9
0055_01	3000 ppm	Day : 92	8.5	42.3
0056_01	3000 ppm	Day : 92	8.1	38.6
0057_01	3000 ppm	Day : 92	8.7	54.6
0058_01	3000 ppm	Day : 92	8.3	27
0059_01	3000 ppm	Day : 92	8.1	29.4
0060_01	3000 ppm	Day : 92	8.9	70.5

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Species/Strain: Rat/Fischer 344

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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
0061_01	0 ppm	Day : 92	5.3	492	54	26.4
0062_01	0 ppm	Day : 92	5	558	68	72
0063_01	0 ppm	Day : 92	5.3	479	47	56.7
0064_01	0 ppm	Day : 92	4.9	439	63	50
0065_01	0 ppm	Day : 92	5.1	413	44	58.9
0066_01	0 ppm	Day : 92	5.2	404	40	70.7
0067_01	0 ppm	Day : 92	5	410	45	45
0068_01	0 ppm	Day : 92	4.9	445	48	23.3
0069_01	0 ppm	Day : 92	4.8	438	62	36.5
0070_01	0 ppm	Day : 92	5.1	392	45	45.6
0071_01	30 ppm	Day : 92	5.3	433	50	42.6
0072_01	30 ppm	Day : 92	5.4	432	45	71.2
0073_01	30 ppm	Day : 92	5.3	385	39	37.8
0074_01	30 ppm	Day : 92	4.9	364	39	36.4
0075_01	30 ppm	Day : 92	5.8	433	43	38.9
0076_01	30 ppm	Day : 92	5.4	451	40	41.3
0077_01	30 ppm	Day : 92	5.5	508	52	62
0078_01	30 ppm	Day : 92	5.4	448	43	96.9
0079_01	30 ppm	Day : 92	5	452	44	55.4
0080_01	30 ppm	Day : 92	5.1	415	49	59
0081_01	100 ppm	Day : 92	5.2	333	44	67
0082_01	100 ppm	Day : 92	5	422	40	93.5

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Species/Strain: Rat/Fischer 344

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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	100 ppm	Day : 92	5.1	412	36	64.6
0084_01	100 ppm	Day : 92	5.4	383	43	52.8
0085_01	100 ppm	Day : 92	5.4	317	37	39.9
0086_01	100 ppm	Day : 92	5.2	400	39	55.9
0087_01	100 ppm	Day : 92	5.2	405	47	54.6
0088_01	100 ppm	Day : 92	4.8	288	38	72.5
0089_01	100 ppm	Day : 92	5	353	48	47.6
0090_01	100 ppm	Day : 92	5.1	371	33	42.3
0091_01	300 ppm	Day : 92	5.4	309	37	56.3
0092_01	300 ppm	Day : 92	5.4	348	41	64
0093_01	300 ppm	Day : 92	5.5	278	38	73.4
0094_01	300 ppm	Day : 92	5.5	452	40	73.6
0095_01	300 ppm	Day : 92	5.2	365	48	116.4
0096_01	300 ppm	Day : 92	5.5	328	40	127.3
0097_01	300 ppm	Day : 92	5.2	306	39	80.8
0098_01	300 ppm	Day : 92	5.4	344	40	74.9
0099_01	300 ppm	Day : 92	5.6	310	42	27.9
0100_01	300 ppm	Day : 92	5.7	347	36	25.7
0101_01	1000 ppm	Day : 92	6	179	34	28.1
0102_01	1000 ppm	Day : 92	5.9	256	35	48.2
0103_01	1000 ppm	Day : 92	6.4	240	100	40.4
0104_01	1000 ppm	Day : 92	6.3	212	49	41.5

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P42: Clinical Chemistry Data

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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
0104_01	1000 ppm	Day : 92	6.3	212	49	41.5
0105_01	1000 ppm	Day : 92	5.8	223	46	48.2
0106_01	1000 ppm	Day : 92	6.1	189	33	38.2
0107_01	1000 ppm	Day : 92	5.9	265	44	55.7
0108_01	1000 ppm	Day : 92	5.9	230	42	36.4
0109_01	1000 ppm	Day : 92	5.9	234	54	46.7
0110_01	1000 ppm	Day : 92	5.9	225	42	38.6
0111_01	3000 ppm	Day : 92	6.9	275	46	95.2
0112_01	3000 ppm	Day : 92	5.9	207	74	45
0113_01	3000 ppm	Day : 92	6	272	38	58.5
0114_01	3000 ppm	Day : 92	6.5	268	46	47.2
0115_01	3000 ppm	Day : 92	5.8	235	37	31.2
0116_01	3000 ppm	Day : 92	5.5	250	34	46.5
0117_01	3000 ppm	Day : 92	6	195	35	31.4
0118_01	3000 ppm	Day : 92	6.3	217	66	46.5
0119_01	3000 ppm	Day : 92	6.1	267	50	55.7
0120_01	3000 ppm	Day : 92	6.4	245	47	36.9

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First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine mg per dL	Creatine Kinase IU per L	Creatinine U per L
0061_01	0 ppm	Day : 92	16	1.5	109	0.7
0062_01	0 ppm	Day : 92	22	1.5	290	0.7
0063_01	0 ppm	Day : 92	19	1.4	108	0.7
0064_01	0 ppm	Day : 92	18	1.5	352	0.7
0065_01	0 ppm	Day : 92	21	1.3	237	0.7
0066_01	0 ppm	Day : 92	20	1.6	86	0.7
0067_01	0 ppm	Day : 92	17	1.2	182	0.6
0068_01	0 ppm	Day : 92	21	1.6	350	0.6
0069_01	0 ppm	Day : 92	18	1.2	413	0.6
0070_01	0 ppm	Day : 92	21	1.4	167	0.7
0071_01	30 ppm	Day : 92	22	1.7	123	0.8
0072_01	30 ppm	Day : 92	16	1.8	183	0.7
0073_01	30 ppm	Day : 92	18	1.4	167	0.8
0074_01	30 ppm	Day : 92	16	1.7	290	0.6
0075_01	30 ppm	Day : 92	15	1.5	210	0.7
0076_01	30 ppm	Day : 92	22	1.8	189	0.7
0077_01	30 ppm	Day : 92	20	1.9	283	0.7
0078_01	30 ppm	Day : 92	21	1.7	200	0.7
0079_01	30 ppm	Day : 92	19	1.3	116	0.7
0080_01	30 ppm	Day : 92	18	1.3	793	0.7
0081_01	100 ppm	Day : 92	19	1.3	573	0.7
0082_01	100 ppm	Day : 92	20	1.4	129	0.7

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First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine mg per dL	Creatine Kinase IU per L	Creatinine U per L
0083_01	100 ppm	Day : 92	16	1.5	249	0.7
0084_01	100 ppm	Day : 92	17	1.7	265	0.7
0085_01	100 ppm	Day : 92	19	1.6	128	0.7
0086_01	100 ppm	Day : 92	18	1.8	169	0.7
0087_01	100 ppm	Day : 92	20	1.4	617	0.7
0088_01	100 ppm	Day : 92	19	1.8	402	0.7
0089_01	100 ppm	Day : 92	19	1.8	106	0.6
0090_01	100 ppm	Day : 92	15	1.7	101	0.6
0091_01	300 ppm	Day : 92	17	1.6	111	0.7
0092_01	300 ppm	Day : 92	20	1.8	282	0.7
0093_01	300 ppm	Day : 92	19	1.2	166	0.6
0094_01	300 ppm	Day : 92	21	1.8	94	0.7
0095_01	300 ppm	Day : 92	24	1.3	741	0.7
0096_01	300 ppm	Day : 92	22	1.5	152	0.7
0097_01	300 ppm	Day : 92	23	1.1	424	0.7
0098_01	300 ppm	Day : 92	20	1.4	181	0.7
0099_01	300 ppm	Day : 92	16	1.3	130	0.7
0100_01	300 ppm	Day : 92	14	1.3	120	0.6
0101_01	1000 ppm	Day : 92	17	1.7	222	0.7
0102_01	1000 ppm	Day : 92	20	1.5	90	0.7
0103_01	1000 ppm	Day : 92	17	1.3	196	0.7
0104_01	1000 ppm	Day : 92	18	1.9	148	0.7

Experiment Number: 88120-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:15:12

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine mg per dL	Creatine Kinase IU per L	Creatinine U per L
0105_01	1000 ppm	Day : 92	18	1.5	611	0.6
0106_01	1000 ppm	Day : 92	19	1.7	130	0.6
0107_01	1000 ppm	Day : 92	22	1.5	62	0.7
0108_01	1000 ppm	Day : 92	19	1.7	129	0.7
0109_01	1000 ppm	Day : 92	19	1.7	215	0.7
0110_01	1000 ppm	Day : 92	17	1.8	126	0.7
0111_01	3000 ppm	Day : 92	25	1.9	150	0.8
0112_01	3000 ppm	Day : 92	21	1.4	159	0.7
0113_01	3000 ppm	Day : 92	20	1.9	276	0.7
0114_01	3000 ppm	Day : 92	22	1.8	73	0.8
0115_01	3000 ppm	Day : 92	20	1.6	212	0.7
0116_01	3000 ppm	Day : 92	20	1.2	200	0.7
0117_01	3000 ppm	Day : 92	22	1.3	126	0.7
0118_01	3000 ppm	Day : 92	24	1.7	130	0.7
0119_01	3000 ppm	Day : 92	23	1.9	171	0.8
0120_01	3000 ppm	Day : 92	21	1.9	298	0.7



Experiment Number: 88120-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:15:12

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Protein Total g per dL	SDH IU per L
0061_01	0 ppm	Day : 92	7.5	18.4
0062_01	0 ppm	Day : 92	7.2	33.1
0063_01	0 ppm	Day : 92	7.5	15.3
0064_01	0 ppm	Day : 92	6.9	27.6
0065_01	0 ppm	Day : 92	7.2	18.4
0066_01	0 ppm	Day : 92	7.2	11.7
0067_01	0 ppm	Day : 92	7.1	17.2
0068_01	0 ppm	Day : 92	6.8	19
0069_01	0 ppm	Day : 92	6.9	28.2
0070_01	0 ppm	Day : 92	7.3	15.3
0071_01	30 ppm	Day : 92	7.6	15.3
0072_01	30 ppm	Day : 92	7.7	23.9
0073_01	30 ppm	Day : 92	7.6	12.3
0074_01	30 ppm	Day : 92	7.2	16.6
0075_01	30 ppm	Day : 92	8.4	19
0076_01	30 ppm	Day : 92	7.6	19.6
0077_01	30 ppm	Day : 92	7.8	22.1
0078_01	30 ppm	Day : 92	7.7	17.8
0079_01	30 ppm	Day : 92	7.4	20.8
0080_01	30 ppm	Day : 92	7.3	28.2
0081_01	100 ppm	Day : 92	7.6	26.4
0082_01	100 ppm	Day : 92	7.3	22.7

Experiment Number: 88120-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:15:12

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Protein Total g per dL	SDH IU per L
0083_01	100 ppm	Day : 92	7.4	21.5
0084_01	100 ppm	Day : 92	7.8	23.9
0085_01	100 ppm	Day : 92	7.9	13.5
0086_01	100 ppm	Day : 92	7.5	14.7
0087_01	100 ppm	Day : 92	7.6	25.8
0088_01	100 ppm	Day : 92	7.2	22.1
0089_01	100 ppm	Day : 92	7.1	16.6
0090_01	100 ppm	Day : 92	7.1	12.3
0091_01	300 ppm	Day : 92	8	19.6
0092_01	300 ppm	Day : 92	8.2	20.8
0093_01	300 ppm	Day : 92	7.9	20.2
0094_01	300 ppm	Day : 92	8.2	17.8
0095_01	300 ppm	Day : 92	7.6	28.2
0096_01	300 ppm	Day : 92	8.1	21.5
0097_01	300 ppm	Day : 92	7.7	23.9
0098_01	300 ppm	Day : 92	7.9	17.8
0099_01	300 ppm	Day : 92	8.3	20.8
0100_01	300 ppm	Day : 92	8.3	18.4
0101_01	1000 ppm	Day : 92	9.1	20.2
0102_01	1000 ppm	Day : 92	8.8	19
0103_01	1000 ppm	Day : 92	9.8	61.3
0104_01	1000 ppm	Day : 92	9.3	25.8

Experiment Number: 88120-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:15:12

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Protein Total g per dL	SDH IU per L
0105_01	1000 ppm	Day : 92	8.8	30.7
0106_01	1000 ppm	Day : 92	9.1	18.4
0107_01	1000 ppm	Day : 92	8.9	23.9
0108_01	1000 ppm	Day : 92	8.9	19.6
0109_01	1000 ppm	Day : 92	8.9	30.7
0110_01	1000 ppm	Day : 92	8.9	19.6
0111_01	3000 ppm	Day : 92	10.5	20.2
0112_01	3000 ppm	Day : 92	9.2	54.6
0113_01	3000 ppm	Day : 92	9.2	23.3
0114_01	3000 ppm	Day : 92	9.9	27
0115_01	3000 ppm	Day : 92	9.1	22.7
0116_01	3000 ppm	Day : 92	8.9	19.6
0117_01	3000 ppm	Day : 92	9.2	20.2
0118_01	3000 ppm	Day : 92	9.7	46
0119_01	3000 ppm	Day : 92	9.6	25.1
0120_01	3000 ppm	Day : 92	10	28.2

\*\* END OF REPORT \*\*