

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:29:51

First Dose M/F: NA / NA

Lab: NA

C Number: C62011

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:29:51

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0001_03	0 ppm	Week : 13	3.8	280	43	12
0002_03	0 ppm	Week : 13	3.8	309	46	10
0003_03	0 ppm	Week : 13	4	329	50	13
0004_03	0 ppm	Week : 13	3.5	255	40	18
0005_03	0 ppm	Week : 13	3.6	275	44	18
0006_03	0 ppm	Week : 13	2.9	303	46	8
0007_03	0 ppm	Week : 13	3.7	294	44	9
0008_03	0 ppm	Week : 13	3.8	305	43	14
0009_03	0 ppm	Week : 13	3.8	264	47	10
0010_03	0 ppm	Week : 13	3.7	280	59	12
0011_03	3125 ppm	Week : 13	3.4	261	44	24
0012_03	3125 ppm	Week : 13	3.9	311	52	8
0013_03	3125 ppm	Week : 13	3.9	341	51	12
0014_03	3125 ppm	Week : 13	3.3	296	57	15
0015_03	3125 ppm	Week : 13	3.9	304	55	8
0016_03	3125 ppm	Week : 13	3.5	252	48	20
0017_03	3125 ppm	Week : 13	4.5	270	51	34
0018_03	3125 ppm	Week : 13	4	257	48	10
0019_03	3125 ppm	Week : 13	3.9	267	58	9
0020_03	3125 ppm	Week : 13	3.8	267	61	13
0021_03	6250 ppm	Week : 13	3.8	307	49	10
0022_03	6250 ppm	Week : 13	3.9	315	44	9

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0023_03	6250 ppm	Week : 13	4.1	317	53	15
0024_03	6250 ppm	Week : 13	3.9	313	51	10
0025_03	6250 ppm	Week : 13	4	286	51	13
0026_03	6250 ppm	Week : 13	4.1	324	64	13
0027_03	6250 ppm	Week : 13	3.6	270	50	10
0028_03	6250 ppm	Week : 13	4	270	52	10
0029_03	6250 ppm	Week : 13	3.7	271	55	10
0030_03	6250 ppm	Week : 13	4.1	252	50	13
0031_03	12500 ppm	Week : 13	4	313	53	12
0032_03	12500 ppm	Week : 13	4.3	303	55	9
0033_03	12500 ppm	Week : 13	3.9	291	50	7
0034_03	12500 ppm	Week : 13	3.8	294	59	17
0035_03	12500 ppm	Week : 13	4.1	294	59	11
0036_03	12500 ppm	Week : 13	3.6	302	70	16
0037_03	12500 ppm	Week : 13	3.6	310	57	13
0038_03	12500 ppm	Week : 13	3.9	313	53	13
0039_03	12500 ppm	Week : 13	3.5	277	62	19
0040_03	12500 ppm	Week : 13	3.6	292	56	13
0041_03	25000 ppm	Week : 13	3.7	331	44	15
0042_03	25000 ppm	Week : 13	4.1	309	54	19
0043_03	25000 ppm	Week : 13	3.6	308	52	11
0044_03	25000 ppm	Week : 13	3.7	321	63	12

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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
0044_03	25000 ppm	Week : 13	3.7	321	63	12
0045_03	25000 ppm	Week : 13	4.2	310	64	18
0046_03	25000 ppm	Week : 13	3.9	262	52	20
0047_03	25000 ppm	Week : 13	4	282	67	13
0048_03	25000 ppm	Week : 13	3.7	319	117	13
0049_03	25000 ppm	Week : 13	3.7	309	65	21
0050_03	25000 ppm	Week : 13	3.8	313	67	12
0051_03	50000 ppm	Week : 13	4.2	202	44	21
0052_03	50000 ppm	Week : 13	3.8	200	60	21
0053_03	50000 ppm	Week : 13	4.1	204	56	18
0054_03	50000 ppm	Week : 13	4.1	215	51	19
0055_03	50000 ppm	Week : 13	4	217	61	13
0056_03	50000 ppm	Week : 13	4.1	309	49	16
0057_03	50000 ppm	Week : 13	4.1	287	52	20
0058_03	50000 ppm	Week : 13	3.8	296	51	28
0059_03	50000 ppm	Week : 13	3.8	268	52	23
0060_03	50000 ppm	Week : 13	4	328	51	30
0121_03	0 ppm	Day : 5	3.8	858	53	46
0121_03	0 ppm	Day : 21	3.3	533	44	12
0122_03	0 ppm	Day : 5	3.6	798	50	32
0122_03	0 ppm	Day : 21	3.9	539	45	29
0123_03	0 ppm	Day : 5	3.4	721	48	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
0123_03	0 ppm	Day : 21	3.6	547	44	24
0124_03	0 ppm	Day : 5	3.6	766	55	42
0124_03	0 ppm	Day : 21	3.8	539	52	
0125_03	0 ppm	Day : 5	4	849	59	25
0125_03	0 ppm	Day : 21	4.1	562	48	14
0126_03	0 ppm	Day : 5	3.7	774	49	14
0126_03	0 ppm	Day : 21	3.9	501	39	19
0127_03	0 ppm	Day : 5	3.3	700	49	40
0127_03	0 ppm	Day : 21	3.5	519	39	21
0128_03	0 ppm	Day : 5	3.4	725	47	38
0128_03	0 ppm	Day : 21	4	521	47	14
0129_03	0 ppm	Day : 5	3.5	656	41	31
0129_03	0 ppm	Day : 21	3.7	453	37	26
0130_03	0 ppm	Day : 5	3.4	794	51	24
0130_03	0 ppm	Day : 21	4.2	570	48	15
0131_03	3125 ppm	Day : 5	3.8	830	48	26
0131_03	3125 ppm	Day : 21	3.7	541	48	29
0132_03	3125 ppm	Day : 5	3.3	852	64	34
0132_03	3125 ppm	Day : 21	3.8	608	49	26
0133_03	3125 ppm	Day : 5	3.7	711	51	11
0133_03	3125 ppm	Day : 21	3.7	575	48	25
0134_03	3125 ppm	Day : 5	3.8	885	60	16

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0134_03	3125 ppm	Day : 5	3.8	885	60	16
0134_03	3125 ppm	Day : 21	3.5	593	48	9
0135_03	3125 ppm	Day : 5	3.6	796	54	24
0135_03	3125 ppm	Day : 21	3.8	564	51	22
0136_03	3125 ppm	Day : 5	3.6	706	48	24
0136_03	3125 ppm	Day : 21	3.6	519	40	24
0137_03	3125 ppm	Day : 5	3.6	689	47	16
0137_03	3125 ppm	Day : 21	3.9	496	47	20
0138_03	3125 ppm	Day : 5	3.5	756	53	20
0138_03	3125 ppm	Day : 21	4	490	42	14
0139_03	3125 ppm	Day : 5	3.4	899	56	37
0139_03	3125 ppm	Day : 21	3.7	521	44	12
0140_03	3125 ppm	Day : 5	3.8	854	53	30
0140_03	3125 ppm	Day : 21	4.1	518	46	16
0141_03	6250 ppm	Day : 5	3.4	887	62	50
0141_03	6250 ppm	Day : 21	3.5	676	55	35
0142_03	6250 ppm	Day : 5	3.5	738	58	16
0142_03	6250 ppm	Day : 21	3.7	553	46	27
0143_03	6250 ppm	Day : 5	3.9	799	53	55
0143_03	6250 ppm	Day : 21	3.8	554	50	21
0144_03	6250 ppm	Day : 5	3.9	890	59	30
0144_03	6250 ppm	Day : 21	3.9	555	47	34

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0145_03	6250 ppm	Day : 5	3.7	916	60	32
0145_03	6250 ppm	Day : 21	3.8	572	48	30
0146_03	6250 ppm	Day : 5	3.4	777	57	11
0146_03	6250 ppm	Day : 21	3.8	562	48	8
0147_03	6250 ppm	Day : 5	3	781	53	25
0147_03	6250 ppm	Day : 21	3.8	526	51	15
0148_03	6250 ppm	Day : 5	3.5	769	52	16
0148_03	6250 ppm	Day : 21	3.8	494	41	16
0149_03	6250 ppm	Day : 5	3.3	794	55	29
0149_03	6250 ppm	Day : 21	3.7	545	49	19
0150_03	6250 ppm	Day : 5	3.5	809	59	38
0150_03	6250 ppm	Day : 21	3.7	534	54	21
0151_03	12500 ppm	Day : 5	3.4	951	66	26
0151_03	12500 ppm	Day : 21	3.5	612	47	15
0152_03	12500 ppm	Day : 5	4	1001	95	33
0152_03	12500 ppm	Day : 21	3.7	644	47	26
0153_03	12500 ppm	Day : 5	3.4	909	58	16
0153_03	12500 ppm	Day : 21	3.7	639	47	26
0154_03	12500 ppm	Day : 5	3.6	969	66	37
0154_03	12500 ppm	Day : 21	3.5	684	48	42
0155_03	12500 ppm	Day : 5	3.6	882	62	28
0155_03	12500 ppm	Day : 21	3.7	572	49	19

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0155_03	12500 ppm	Day : 21	3.7	572	49	19
0156_03	12500 ppm	Day : 5	3.6	841	67	30
0156_03	12500 ppm	Day : 21	3.7	578	58	30
0157_03	12500 ppm	Day : 5	3.5	840	59	30
0157_03	12500 ppm	Day : 21	3.9	546	54	28
0158_03	12500 ppm	Day : 5	3.4	883	74	58
0158_03	12500 ppm	Day : 21	3.9	624	51	29
0159_03	12500 ppm	Day : 5	3.5	761	61	29
0159_03	12500 ppm	Day : 21	3.7	597	45	29
0160_03	12500 ppm	Day : 5	3.7	719	63	22
0160_03	12500 ppm	Day : 21	3.8	518	50	24
0161_03	25000 ppm	Day : 5	3.5	892	65	50
0161_03	25000 ppm	Day : 21	4.1	635	48	56
0162_03	25000 ppm	Day : 5	3.8	808	67	38
0162_03	25000 ppm	Day : 21	3.4	614	45	33
0163_03	25000 ppm	Day : 5	3.6	934	82	20
0163_03	25000 ppm	Day : 21	3.8	652	46	31
0164_03	25000 ppm	Day : 5	3.5	941	60	39
0164_03	25000 ppm	Day : 21	3.9	699	53	32
0166_03	25000 ppm	Day : 5	3.7	1004	68	66
0166_03	25000 ppm	Day : 21	3.3	680	53	30
0167_03	25000 ppm	Day : 5	3.6	886	56	25

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
0167_03	25000 ppm	Day : 21	3.4	597	56	23
0168_03	25000 ppm	Day : 5	3.6	823	57	24
0168_03	25000 ppm	Day : 21	3.5	612	49	33
0169_03	25000 ppm	Day : 5	3.7	855	55	24
0169_03	25000 ppm	Day : 21	3.9	596	56	22
0170_03	25000 ppm	Day : 5	3.4	850	44	34
0170_03	25000 ppm	Day : 21	3.6	665	55	19
0171_03	50000 ppm	Day : 5	4	906	82	24
0171_03	50000 ppm	Day : 21	3.4	635	42	52
0172_03	50000 ppm	Day : 5	3.5	911	74	45
0172_03	50000 ppm	Day : 21	3.7	654	46	36
0173_03	50000 ppm	Day : 5	3.6	1050	61	46
0173_03	50000 ppm	Day : 21	3.8	675	47	60
0174_03	50000 ppm	Day : 5	3.9	972	68	52
0174_03	50000 ppm	Day : 21	3.7	620	38	32
0175_03	50000 ppm	Day : 5	4.3	899	65	53
0175_03	50000 ppm	Day : 21	3.7	582	45	32
0176_03	50000 ppm	Day : 5	3.5	888	59	30
0176_03	50000 ppm	Day : 21	3.7	583	47	29
0177_03	50000 ppm	Day : 5	3.5	796	62	33
0177_03	50000 ppm	Day : 21	3.9	595	51	27
0178_03	50000 ppm	Day : 5	3.5	999	67	38

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:29:52

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
0178_03	50000 ppm	Day : 5	3.5	999	67	38
0178_03	50000 ppm	Day : 21	4	681	55	25
0179_03	50000 ppm	Day : 5	3.5	793	48	19
0179_03	50000 ppm	Day : 21	3.9	615	53	19
0180_03	50000 ppm	Day : 5	3.9	1061	68	40
0180_03	50000 ppm	Day : 21	3.7	627	47	16

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Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

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Time Report Requested: 17:29:52

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0001_03	0 ppm	Week : 13	20.6	207	0.57	6.8
0002_03	0 ppm	Week : 13	21.5	129	0.53	6.8
0003_03	0 ppm	Week : 13	22.3	174	0.62	7.1
0004_03	0 ppm	Week : 13	20.5	89	0.6	6.8
0005_03	0 ppm	Week : 13	22.1	567	0.56	6.8
0006_03	0 ppm	Week : 13	26.1	487	0.48	6.6
0007_03	0 ppm	Week : 13	21.6	200	0.42	6.9
0008_03	0 ppm	Week : 13	22.5	257	0.55	6.9
0009_03	0 ppm	Week : 13	21.8	220	0.65	6.9
0010_03	0 ppm	Week : 13	22.2	144	0.62	7
0011_03	3125 ppm	Week : 13	20.7	91	0.57	6.6
0012_03	3125 ppm	Week : 13	21.8	166	0.56	7
0013_03	3125 ppm	Week : 13	22.5	118	0.61	7.2
0014_03	3125 ppm	Week : 13	21.7	101	0.69	6.6
0015_03	3125 ppm	Week : 13	24.1	108	0.55	7.3
0016_03	3125 ppm	Week : 13	20.7	103	0.53	6.4
0017_03	3125 ppm	Week : 13	25.1	150	0.57	7.3
0018_03	3125 ppm	Week : 13	22.1	174	0.57	7.1
0019_03	3125 ppm	Week : 13	25.5	902	0.65	7
0020_03	3125 ppm	Week : 13	24.2	278	0.63	6.8
0021_03	6250 ppm	Week : 13	26.2	164	0.56	6.7
0022_03	6250 ppm	Week : 13	21.2	117	0.59	6.6

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0023_03	6250 ppm	Week : 13	23.9	100	0.61	6.8
0024_03	6250 ppm	Week : 13	23.8	138	0.57	6.9
0025_03	6250 ppm	Week : 13	24.9	136	0.57	7.1
0026_03	6250 ppm	Week : 13	27.6	277	0.54	7.4
0027_03	6250 ppm	Week : 13	23.1	178	0.57	7.1
0028_03	6250 ppm	Week : 13	26	305	0.54	7.2
0029_03	6250 ppm	Week : 13	21.2	356	0.57	7.3
0030_03	6250 ppm	Week : 13	25.2	490	0.56	6.9
0031_03	12500 ppm	Week : 13	21.6	126	0.59	6.9
0032_03	12500 ppm	Week : 13	22.3	116	0.55	6.7
0033_03	12500 ppm	Week : 13	20.6	134	0.45	6.7
0034_03	12500 ppm	Week : 13	22.9	192	0.6	7
0035_03	12500 ppm	Week : 13	21.4	188	0.53	7.2
0036_03	12500 ppm	Week : 13	26.2	241	0.51	6.6
0037_03	12500 ppm	Week : 13	21.7	122	0.56	6.7
0038_03	12500 ppm	Week : 13	22.6	172	0.47	6.7
0039_03	12500 ppm	Week : 13	20	199	0.43	6.9
0040_03	12500 ppm	Week : 13	22.8	196	0.59	6.9
0041_03	25000 ppm	Week : 13	22.3	138	0.58	6.7
0042_03	25000 ppm	Week : 13	23.1	137	0.53	7.1
0043_03	25000 ppm	Week : 13	23.1	336	0.58	6.8
0044_03	25000 ppm	Week : 13	21.7	255	0.58	7.2

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MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0045_03	25000 ppm	Week : 13	27.9	252	0.57	7.7
0046_03	25000 ppm	Week : 13	21.4	492	0.51	6.8
0047_03	25000 ppm	Week : 13	25.7	153	0.58	6.7
0048_03	25000 ppm	Week : 13	23.8	285	0.59	6.8
0049_03	25000 ppm	Week : 13	24	164	0.49	6.5
0050_03	25000 ppm	Week : 13	21.8	203	0.44	6.8
0051_03	50000 ppm	Week : 13	22.6	283	0.47	6.6
0052_03	50000 ppm	Week : 13	22.3	205	0.51	6.6
0053_03	50000 ppm	Week : 13	23.5	163	0.52	7.2
0054_03	50000 ppm	Week : 13	28.7	172	0.63	7.5
0055_03	50000 ppm	Week : 13	28.4	340	0.56	7.5
0056_03	50000 ppm	Week : 13	22.1	204	0.5	6.9
0057_03	50000 ppm	Week : 13	25.3	210	0.52	7.5
0058_03	50000 ppm	Week : 13	27.2	386	0.51	7.1
0059_03	50000 ppm	Week : 13	24.9	297	0.47	6.7
0060_03	50000 ppm	Week : 13	27	159	0.6	7.2
0121_03	0 ppm	Day : 5	22.4	1089	0.65	6.1
0121_03	0 ppm	Day : 21	20	643	0.59	6.1
0122_03	0 ppm	Day : 5	21.1	485	0.53	5.9
0122_03	0 ppm	Day : 21	23.7	484	0.66	6.3
0123_03	0 ppm	Day : 5	20.2	371	0.53	5.5
0123_03	0 ppm	Day : 21	19.6	522	0.62	6.2

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0124_03	0 ppm	Day : 5	21.7	564	0.65	6.5
0124_03	0 ppm	Day : 21	21.9	508	0.6	6.3
0125_03	0 ppm	Day : 5	22.2	333	0.72	6.4
0125_03	0 ppm	Day : 21	22.4	483	0.6	6.9
0126_03	0 ppm	Day : 5	21	264	0.49	6.5
0126_03	0 ppm	Day : 21	20	527	0.59	6.2
0127_03	0 ppm	Day : 5	18.7	391	0.47	5.8
0127_03	0 ppm	Day : 21	19.4	847	0.55	5.9
0128_03	0 ppm	Day : 5	17.3	379	0.45	5.9
0128_03	0 ppm	Day : 21	17.2	249	0.51	6.5
0129_03	0 ppm	Day : 5	16.8	605	0.45	5.9
0129_03	0 ppm	Day : 21	18.1	336	0.56	6.1
0130_03	0 ppm	Day : 5	18.3	958	0.6	6
0130_03	0 ppm	Day : 21	20.4	278	0.55	6.4
0131_03	3125 ppm	Day : 5	18.4	496	0.54	5.9
0131_03	3125 ppm	Day : 21	24.6	497	0.66	6.5
0132_03	3125 ppm	Day : 5	19.8	2180	0.59	5.6
0132_03	3125 ppm	Day : 21	20.6	439	0.66	6.4
0133_03	3125 ppm	Day : 5	24.3	411	0.57	6
0133_03	3125 ppm	Day : 21	20.2	359	0.52	6.3
0134_03	3125 ppm	Day : 5	22.6	912	0.5	6.1
0134_03	3125 ppm	Day : 21	21.2	516	0.59	6.1

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0135_03	3125 ppm	Day : 5	22.4	412	0.53	6.3
0135_03	3125 ppm	Day : 21	22.4	344	0.63	6
0136_03	3125 ppm	Day : 5	20.5	415	0.5	5.9
0136_03	3125 ppm	Day : 21	19.8	413	0.57	6.1
0137_03	3125 ppm	Day : 5	20.8	743	0.45	6.2
0137_03	3125 ppm	Day : 21	20.3	827	0.53	6.4
0138_03	3125 ppm	Day : 5	17	340	0.57	6.1
0138_03	3125 ppm	Day : 21	17.7	530	0.5	6.4
0139_03	3125 ppm	Day : 5	17.5	531	0.61	5.8
0139_03	3125 ppm	Day : 21	16.3	540	0.58	6
0140_03	3125 ppm	Day : 5	15.6	698	0.51	5.9
0140_03	3125 ppm	Day : 21	18.8	301	0.54	6.5
0141_03	6250 ppm	Day : 5	20.5	484	0.44	5.9
0141_03	6250 ppm	Day : 21	21.2	489	0.57	6.1
0142_03	6250 ppm	Day : 5	22.7	691	0.53	5.8
0142_03	6250 ppm	Day : 21	18.7	496	0.65	6.2
0143_03	6250 ppm	Day : 5	24.2	1132	0.67	6.4
0143_03	6250 ppm	Day : 21	21.9	385	0.63	6.3
0144_03	6250 ppm	Day : 5	21.1	972	0.47	6.4
0144_03	6250 ppm	Day : 21	21.8	665	0.62	6.6
0145_03	6250 ppm	Day : 5	24.5	406	0.7	6.3
0145_03	6250 ppm	Day : 21	22	318	0.59	6

Experiment Number: 05191-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 17:29:52

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_03	6250 ppm	Day : 5	19.9	255	0.44	6.1
0146_03	6250 ppm	Day : 21	20.4	393	0.58	6.2
0147_03	6250 ppm	Day : 5	18.9	763	0.63	5.6
0147_03	6250 ppm	Day : 21	19.5	2074	0.2	6.1
0148_03	6250 ppm	Day : 5	20.8	326	0.55	6
0148_03	6250 ppm	Day : 21	14.6	242	0.62	6.3
0149_03	6250 ppm	Day : 5	19.5	439	0.53	5.9
0149_03	6250 ppm	Day : 21	17.7	479	0.49	6.3
0150_03	6250 ppm	Day : 5	18.8	400	0.55	5.8
0150_03	6250 ppm	Day : 21	16.4	826	0.49	6
0151_03	12500 ppm	Day : 5	20.3	752	0.59	5.5
0151_03	12500 ppm	Day : 21	20	541	0.67	6.3
0152_03	12500 ppm	Day : 5	20.3	674	0.41	6.4
0152_03	12500 ppm	Day : 21	20.5	481	0.58	6.4
0153_03	12500 ppm	Day : 5	20.8	356	0.51	5.7
0153_03	12500 ppm	Day : 21	22.7	502	0.71	6.2
0154_03	12500 ppm	Day : 5	21	508	0.52	6
0154_03	12500 ppm	Day : 21	22.9	257	0.58	5.9
0155_03	12500 ppm	Day : 5	20.6	318	0.52	6.2
0155_03	12500 ppm	Day : 21	22.4	967	0.57	6.1
0156_03	12500 ppm	Day : 5	19.9	396	0.61	6.2
0156_03	12500 ppm	Day : 21	22.9	373	0.6	6.3

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:29:52

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0157_03	12500 ppm	Day : 5	18.6	331	0.48	5.7
0157_03	12500 ppm	Day : 21	21.2	828	0.51	6.2
0158_03	12500 ppm	Day : 5	17.2	624	0.54	5.8
0158_03	12500 ppm	Day : 21	19.3	825	0.48	6.5
0159_03	12500 ppm	Day : 5	18.3	593	0.45	5.8
0159_03	12500 ppm	Day : 21	19	668	0.54	6.2
0160_03	12500 ppm	Day : 5	21.6	1599	0.56	6.3
0160_03	12500 ppm	Day : 21	17.8	323	0.55	6.1
0161_03	25000 ppm	Day : 5	17.8	375	0.51	6
0161_03	25000 ppm	Day : 21	21.7	515	0.66	6.7
0162_03	25000 ppm	Day : 5	17.9	486	0.28	6.1
0162_03	25000 ppm	Day : 21	19.7	801	0.62	6.2
0163_03	25000 ppm	Day : 5	23.7	618	0.49	5.8
0163_03	25000 ppm	Day : 21	18.1	522	0.66	6.5
0164_03	25000 ppm	Day : 5	22.3	350	0.49	6
0164_03	25000 ppm	Day : 21	22.7	500	0.51	6.5
0166_03	25000 ppm	Day : 5	22.5	1531	0.64	6.7
0166_03	25000 ppm	Day : 21	22.9	503	0.36	5.8
0167_03	25000 ppm	Day : 5	21	605	0.48	5.8
0167_03	25000 ppm	Day : 21	21.2	807	0.53	5.8
0168_03	25000 ppm	Day : 5	19.7	597	0.52	6.3
0168_03	25000 ppm	Day : 21	18.2	399	0.51	6.6

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:29:52

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
0169_03	25000 ppm	Day : 5	16.6	432	0.49	5.9
0169_03	25000 ppm	Day : 21	19	333	0.58	6.5
0170_03	25000 ppm	Day : 5	18.3	285	0.53	5.7
0170_03	25000 ppm	Day : 21	18.1	325	0.53	6.2
0171_03	50000 ppm	Day : 5	18.7	509	0.47	6.6
0171_03	50000 ppm	Day : 21	19.7	455	0.57	5.9
0172_03	50000 ppm	Day : 5	20.1	742	0.56	5.7
0172_03	50000 ppm	Day : 21	20.3	524	0.61	6.3
0173_03	50000 ppm	Day : 5	19.4	458	0.5	5.8
0173_03	50000 ppm	Day : 21	22.4	503	0.5	6.2
0174_03	50000 ppm	Day : 5	19.6	1148	0.63	6.5
0174_03	50000 ppm	Day : 21	22	458	0.58	6.5
0175_03	50000 ppm	Day : 5	20.7	1009	0.55	6.5
0175_03	50000 ppm	Day : 21	21.4	675	0.49	6.1
0176_03	50000 ppm	Day : 5	23.6	1043	0.46	6.1
0176_03	50000 ppm	Day : 21	23.6	493	0.48	5.9
0177_03	50000 ppm	Day : 5	18.9	592	0.49	5.9
0177_03	50000 ppm	Day : 21	18.8	582	0.54	6.2
0178_03	50000 ppm	Day : 5	19.4	871	0.52	5.8
0178_03	50000 ppm	Day : 21	18.5	473	0.53	6.5
0179_03	50000 ppm	Day : 5	16.6	760	0.43	6.1
0179_03	50000 ppm	Day : 21	18.8	445	0.53	6.1

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:29:52

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
0180_03	50000 ppm	Day : 5	20.1	1976	0.59	6.1
0180_03	50000 ppm	Day : 21	17.2	700	0.56	5.8

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:29:52

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0001_03	0 ppm	Week : 13	7
0002_03	0 ppm	Week : 13	9
0003_03	0 ppm	Week : 13	8
0004_03	0 ppm	Week : 13	8
0005_03	0 ppm	Week : 13	10
0006_03	0 ppm	Week : 13	8
0007_03	0 ppm	Week : 13	10
0008_03	0 ppm	Week : 13	8
0009_03	0 ppm	Week : 13	11
0010_03	0 ppm	Week : 13	17
0011_03	3125 ppm	Week : 13	7
0012_03	3125 ppm	Week : 13	9
0013_03	3125 ppm	Week : 13	8
0014_03	3125 ppm	Week : 13	5
0015_03	3125 ppm	Week : 13	0
0016_03	3125 ppm	Week : 13	8
0017_03	3125 ppm	Week : 13	7
0018_03	3125 ppm	Week : 13	8
0019_03	3125 ppm	Week : 13	10
0020_03	3125 ppm	Week : 13	14
0021_03	6250 ppm	Week : 13	7
0022_03	6250 ppm	Week : 13	8

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:29:52

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0023_03	6250 ppm	Week : 13	9
0024_03	6250 ppm	Week : 13	7
0025_03	6250 ppm	Week : 13	8
0026_03	6250 ppm	Week : 13	8
0027_03	6250 ppm	Week : 13	7
0028_03	6250 ppm	Week : 13	11
0029_03	6250 ppm	Week : 13	7
0030_03	6250 ppm	Week : 13	7
0031_03	12500 ppm	Week : 13	7
0032_03	12500 ppm	Week : 13	9
0033_03	12500 ppm	Week : 13	7
0034_03	12500 ppm	Week : 13	8
0035_03	12500 ppm	Week : 13	8
0036_03	12500 ppm	Week : 13	12
0037_03	12500 ppm	Week : 13	9
0038_03	12500 ppm	Week : 13	8
0039_03	12500 ppm	Week : 13	9
0040_03	12500 ppm	Week : 13	9
0041_03	25000 ppm	Week : 13	7
0042_03	25000 ppm	Week : 13	9
0043_03	25000 ppm	Week : 13	6
0044_03	25000 ppm	Week : 13	8

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:29:53

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0045_03	25000 ppm	Week : 13	7
0046_03	25000 ppm	Week : 13	10
0047_03	25000 ppm	Week : 13	12
0048_03	25000 ppm	Week : 13	9
0049_03	25000 ppm	Week : 13	10
0050_03	25000 ppm	Week : 13	12
0051_03	50000 ppm	Week : 13	5
0052_03	50000 ppm	Week : 13	8
0053_03	50000 ppm	Week : 13	6
0054_03	50000 ppm	Week : 13	6
0055_03	50000 ppm	Week : 13	7
0056_03	50000 ppm	Week : 13	7
0057_03	50000 ppm	Week : 13	10
0058_03	50000 ppm	Week : 13	8
0059_03	50000 ppm	Week : 13	9
0060_03	50000 ppm	Week : 13	9
0121_03	0 ppm	Day : 5	6
0121_03	0 ppm	Day : 21	4
0122_03	0 ppm	Day : 5	5
0122_03	0 ppm	Day : 21	5
0123_03	0 ppm	Day : 5	6
0123_03	0 ppm	Day : 21	6

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:29:53

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0124_03	0 ppm	Day : 5	7
0124_03	0 ppm	Day : 21	
0125_03	0 ppm	Day : 5	9
0125_03	0 ppm	Day : 21	2
0126_03	0 ppm	Day : 5	6
0126_03	0 ppm	Day : 21	7
0127_03	0 ppm	Day : 5	5
0127_03	0 ppm	Day : 21	5
0128_03	0 ppm	Day : 5	5
0128_03	0 ppm	Day : 21	5
0129_03	0 ppm	Day : 5	6
0129_03	0 ppm	Day : 21	4
0130_03	0 ppm	Day : 5	6
0130_03	0 ppm	Day : 21	4
0131_03	3125 ppm	Day : 5	5
0131_03	3125 ppm	Day : 21	4
0132_03	3125 ppm	Day : 5	10
0132_03	3125 ppm	Day : 21	4
0133_03	3125 ppm	Day : 5	10
0133_03	3125 ppm	Day : 21	7
0134_03	3125 ppm	Day : 5	6
0134_03	3125 ppm	Day : 21	6

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:29:53

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0135_03	3125 ppm	Day : 5	6
0135_03	3125 ppm	Day : 21	5
0136_03	3125 ppm	Day : 5	5
0136_03	3125 ppm	Day : 21	6
0137_03	3125 ppm	Day : 5	6
0137_03	3125 ppm	Day : 21	8
0138_03	3125 ppm	Day : 5	5
0138_03	3125 ppm	Day : 21	7
0139_03	3125 ppm	Day : 5	5
0139_03	3125 ppm	Day : 21	8
0140_03	3125 ppm	Day : 5	7
0140_03	3125 ppm	Day : 21	5
0141_03	6250 ppm	Day : 5	6
0141_03	6250 ppm	Day : 21	5
0142_03	6250 ppm	Day : 5	10
0142_03	6250 ppm	Day : 21	4
0143_03	6250 ppm	Day : 5	7
0143_03	6250 ppm	Day : 21	8
0144_03	6250 ppm	Day : 5	8
0144_03	6250 ppm	Day : 21	2
0145_03	6250 ppm	Day : 5	7
0145_03	6250 ppm	Day : 21	6

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:29:53

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0146_03	6250 ppm	Day : 5	6
0146_03	6250 ppm	Day : 21	7
0147_03	6250 ppm	Day : 5	6
0147_03	6250 ppm	Day : 21	6
0148_03	6250 ppm	Day : 5	6
0148_03	6250 ppm	Day : 21	5
0149_03	6250 ppm	Day : 5	5
0149_03	6250 ppm	Day : 21	6
0150_03	6250 ppm	Day : 5	6
0150_03	6250 ppm	Day : 21	6
0151_03	12500 ppm	Day : 5	5
0151_03	12500 ppm	Day : 21	5
0152_03	12500 ppm	Day : 5	11
0152_03	12500 ppm	Day : 21	6
0153_03	12500 ppm	Day : 5	6
0153_03	12500 ppm	Day : 21	3
0154_03	12500 ppm	Day : 5	6
0154_03	12500 ppm	Day : 21	5
0155_03	12500 ppm	Day : 5	5
0155_03	12500 ppm	Day : 21	7
0156_03	12500 ppm	Day : 5	9
0156_03	12500 ppm	Day : 21	10

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:29:53

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0157_03	12500 ppm	Day : 5	6
0157_03	12500 ppm	Day : 21	7
0158_03	12500 ppm	Day : 5	7
0158_03	12500 ppm	Day : 21	6
0159_03	12500 ppm	Day : 5	6
0159_03	12500 ppm	Day : 21	6
0160_03	12500 ppm	Day : 5	7
0160_03	12500 ppm	Day : 21	5
0161_03	25000 ppm	Day : 5	5
0161_03	25000 ppm	Day : 21	4
0162_03	25000 ppm	Day : 5	8
0162_03	25000 ppm	Day : 21	5
0163_03	25000 ppm	Day : 5	5
0163_03	25000 ppm	Day : 21	5
0164_03	25000 ppm	Day : 5	5
0164_03	25000 ppm	Day : 21	3
0166_03	25000 ppm	Day : 5	8
0166_03	25000 ppm	Day : 21	6
0167_03	25000 ppm	Day : 5	5
0167_03	25000 ppm	Day : 21	5
0168_03	25000 ppm	Day : 5	5
0168_03	25000 ppm	Day : 21	6

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:29:53

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0169_03	25000 ppm	Day : 5	6
0169_03	25000 ppm	Day : 21	5
0170_03	25000 ppm	Day : 5	6
0170_03	25000 ppm	Day : 21	5
0171_03	50000 ppm	Day : 5	5
0171_03	50000 ppm	Day : 21	4
0172_03	50000 ppm	Day : 5	3
0172_03	50000 ppm	Day : 21	3
0173_03	50000 ppm	Day : 5	6
0173_03	50000 ppm	Day : 21	3
0174_03	50000 ppm	Day : 5	7
0174_03	50000 ppm	Day : 21	5
0175_03	50000 ppm	Day : 5	6
0175_03	50000 ppm	Day : 21	5
0176_03	50000 ppm	Day : 5	6
0176_03	50000 ppm	Day : 21	6
0177_03	50000 ppm	Day : 5	4
0177_03	50000 ppm	Day : 21	6
0178_03	50000 ppm	Day : 5	6
0178_03	50000 ppm	Day : 21	4
0179_03	50000 ppm	Day : 5	5
0179_03	50000 ppm	Day : 21	4

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:29:53

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0180_03	50000 ppm	Day : 5	7
0180_03	50000 ppm	Day : 21	5

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0061_03	0 ppm	Week : 13	4.2	266	35	27
0062_03	0 ppm	Week : 13	4.2	263	35	21
0063_03	0 ppm	Week : 13	4.4	234	45	23
0064_03	0 ppm	Week : 13	4.4	218	38	14
0065_03	0 ppm	Week : 13	4.8	215	62	44
0066_03	0 ppm	Week : 13	3.9	282	39	21
0067_03	0 ppm	Week : 13	4.5	229	53	25
0068_03	0 ppm	Week : 13	4.1	225	43	13
0069_03	0 ppm	Week : 13	4.2	192	39	39
0070_03	0 ppm	Week : 13	4.4	183	46	25
0071_03	3125 ppm	Week : 13	4.2	224	41	22
0072_03	3125 ppm	Week : 13	4.2	229	40	17
0073_03	3125 ppm	Week : 13	4.2	209	40	24
0074_03	3125 ppm	Week : 13	4.7	215	40	19
0075_03	3125 ppm	Week : 13	4.3	230	39	34
0076_03	3125 ppm	Week : 13	4.5	225	45	26
0077_03	3125 ppm	Week : 13	4.8	220	51	13
0078_03	3125 ppm	Week : 13	4.2	228	51	46
0079_03	3125 ppm	Week : 13	4.1	226	37	20
0080_03	3125 ppm	Week : 13	4.1	234	39	21
0081_03	6250 ppm	Week : 13	4.1	284	39	30
0082_03	6250 ppm	Week : 13	3.7	220	43	31

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0083_03	6250 ppm	Week : 13	4.3	237	42	15
0084_03	6250 ppm	Week : 13	4.4	218	42	20
0085_03	6250 ppm	Week : 13	4.4	255	40	22
0086_03	6250 ppm	Week : 13	3.6	253	44	53
0087_03	6250 ppm	Week : 13	4.2	213	53	67
0088_03	6250 ppm	Week : 13	4.2	269	41	39
0089_03	6250 ppm	Week : 13	4.3	230	50	13
0090_03	6250 ppm	Week : 13	3.7	225	43	15
0091_03	12500 ppm	Week : 13	4.1	251	40	18
0092_03	12500 ppm	Week : 13	4.3	276	47	13
0093_03	12500 ppm	Week : 13	4.2	276	50	30
0094_03	12500 ppm	Week : 13	4.3	236	55	12
0095_03	12500 ppm	Week : 13	4.5	242	48	13
0096_03	12500 ppm	Week : 13	3.8	194	40	12
0097_03	12500 ppm	Week : 13	4.3	311	44	18
0098_03	12500 ppm	Week : 13	4.6	240	42	16
0099_03	12500 ppm	Week : 13	4.4	240	42	20
0100_03	12500 ppm	Week : 13	4.1	216	51	14
0101_03	25000 ppm	Week : 13	4	322	56	16
0102_03	25000 ppm	Week : 13	4.3	308	53	37
0103_03	25000 ppm	Week : 13	4.1	266	50	22
0104_03	25000 ppm	Week : 13	4.1	271	55	25

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0104_03	25000 ppm	Week : 13	4.1	271	55	25
0105_03	25000 ppm	Week : 13	3.8	279	57	13
0106_03	25000 ppm	Week : 13	4.7	282	62	17
0107_03	25000 ppm	Week : 13	4.1	281	56	73
0108_03	25000 ppm	Week : 13	4.1	320	43	11
0109_03	25000 ppm	Week : 13	4	288	45	17
0110_03	25000 ppm	Week : 13	4.1	297	58	45
0111_03	50000 ppm	Week : 13	4	318	48	40
0112_03	50000 ppm	Week : 13	4.2	349	59	62
0113_03	50000 ppm	Week : 13	3.6	354	54	24
0114_03	50000 ppm	Week : 13	4.1	300	62	26
0115_03	50000 ppm	Week : 13	3.6	308	51	41
0116_03	50000 ppm	Week : 13	3.7	251	51	41
0117_03	50000 ppm	Week : 13	4.3	357	53	69
0118_03	50000 ppm	Week : 13	4	328	47	30
0119_03	50000 ppm	Week : 13	4.4	347	59	34
0120_03	50000 ppm	Week : 13	4	276	51	33
0181_03	0 ppm	Day : 5	3.7	645	42	24
0181_03	0 ppm	Day : 21	4	454	38	10
0182_03	0 ppm	Day : 5	3.6	682	68	31
0182_03	0 ppm	Day : 21	3.6	415	34	9
0183_03	0 ppm	Day : 5	3.6	644	41	27

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0183_03	0 ppm	Day : 21	3.8	390	32	14
0184_03	0 ppm	Day : 5	3.8	593	43	43
0184_03	0 ppm	Day : 21	3.9	380	33	18
0185_03	0 ppm	Day : 5	3.8	682	45	20
0185_03	0 ppm	Day : 21	3.7	459	35	28
0186_03	0 ppm	Day : 5	3.2	571	35	11
0186_03	0 ppm	Day : 21	4	331	31	18
0187_03	0 ppm	Day : 5	3.7	572	40	10
0187_03	0 ppm	Day : 21	4.5	319	32	9
0188_03	0 ppm	Day : 5	3.4	624	45	28
0188_03	0 ppm	Day : 21	4.1	344	31	7
0189_03	0 ppm	Day : 5	3.3	513	47	37
0189_03	0 ppm	Day : 21	4.3	326	32	8
0190_03	0 ppm	Day : 5	3.6	628	42	9
0190_03	0 ppm	Day : 21	4.1	317	33	8
0191_03	3125 ppm	Day : 5	3.7	595	44	37
0191_03	3125 ppm	Day : 21	3.7	436	38	17
0192_03	3125 ppm	Day : 5	3.7	633	45	35
0192_03	3125 ppm	Day : 21	4.2	438	41	17
0193_03	3125 ppm	Day : 5	3.8	660	46	26
0193_03	3125 ppm	Day : 21	4.2	411	37	8
0194_03	3125 ppm	Day : 5	3.5	720	53	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
0194_03	3125 ppm	Day : 5	3.5	720	53	19
0194_03	3125 ppm	Day : 21	4.1	450	35	9
0195_03	3125 ppm	Day : 5	3.2	569	45	30
0195_03	3125 ppm	Day : 21	3.8	361	34	11
0196_03	3125 ppm	Day : 5	3.5	644	50	27
0196_03	3125 ppm	Day : 21	3.8	376	34	8
0197_03	3125 ppm	Day : 5	3.9	699	49	27
0197_03	3125 ppm	Day : 21	3.9	380	41	9
0198_03	3125 ppm	Day : 5	3.8	645	67	31
0198_03	3125 ppm	Day : 21	3.5	394	41	24
0199_03	3125 ppm	Day : 5	3.7	613	52	25
0199_03	3125 ppm	Day : 21	3.7	381	37	35
0200_03	3125 ppm	Day : 5	3.4	753	63	26
0200_03	3125 ppm	Day : 21	3.8	428	45	21
0201_03	6250 ppm	Day : 5	3.4	642	53	38
0201_03	6250 ppm	Day : 21	3.8	426	42	18
0202_03	6250 ppm	Day : 5	3.5	681	49	32
0202_03	6250 ppm	Day : 21	4.1	466	37	17
0203_03	6250 ppm	Day : 5	3.6	779	57	12
0203_03	6250 ppm	Day : 21	4.1	482	38	7
0204_03	6250 ppm	Day : 5	3.7	621	48	34
0204_03	6250 ppm	Day : 21	4	445	39	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
0205_03	6250 ppm	Day : 5	3.4	712	54	24
0205_03	6250 ppm	Day : 21	3.7	464	39	17
0206_03	6250 ppm	Day : 5	3.5	578	43	28
0206_03	6250 ppm	Day : 21	4.1	409	40	18
0207_03	6250 ppm	Day : 5	3.4	681	43	22
0207_03	6250 ppm	Day : 21	4.1	396	40	9
0208_03	6250 ppm	Day : 5	3.3	743	47	27
0208_03	6250 ppm	Day : 21	4.2	478	54	50
0209_03	6250 ppm	Day : 5	3.5	579	43	24
0209_03	6250 ppm	Day : 21	4	405	52	24
0210_03	6250 ppm	Day : 5	3.6	671	49	30
0210_03	6250 ppm	Day : 21	3.7	351	34	6
0211_03	12500 ppm	Day : 5	3.5	657	43	20
0211_03	12500 ppm	Day : 21	4.1	452	38	19
0212_03	12500 ppm	Day : 5	3.7	648	60	17
0212_03	12500 ppm	Day : 21	3.6	437	33	16
0213_03	12500 ppm	Day : 5	3.6	745	54	9
0213_03	12500 ppm	Day : 21	3.6	443	40	10
0214_03	12500 ppm	Day : 5	3.2	658	39	20
0214_03	12500 ppm	Day : 21	4	491	39	32
0215_03	12500 ppm	Day : 5	3.5	701	51	32
0215_03	12500 ppm	Day : 21	3.5	447	41	28

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0215_03	12500 ppm	Day : 21	3.5	447	41	28
0216_03	12500 ppm	Day : 5	3.4	657	48	26
0216_03	12500 ppm	Day : 21	3.8	432	42	9
0217_03	12500 ppm	Day : 5	3.2	634	53	25
0217_03	12500 ppm	Day : 21	3.5	414	48	26
0218_03	12500 ppm	Day : 5	3.3	591	58	33
0218_03	12500 ppm	Day : 21	3.8	362	44	21
0219_03	12500 ppm	Day : 5	3.5	679	61	62
0219_03	12500 ppm	Day : 21	4.2	402	43	26
0220_03	12500 ppm	Day : 5	4	817	58	13
0220_03	12500 ppm	Day : 21	3.8	437	45	8
0221_03	25000 ppm	Day : 5	3.7	725	58	16
0221_03	25000 ppm	Day : 21	3.6	478	46	8
0222_03	25000 ppm	Day : 5	3.5	683	46	13
0222_03	25000 ppm	Day : 21	4.4	515	47	33
0223_03	25000 ppm	Day : 5	3.5	736	52	54
0223_03	25000 ppm	Day : 21	3.8	522	47	45
0224_03	25000 ppm	Day : 5	3.7	817	56	27
0224_03	25000 ppm	Day : 21	4.1	521	48	9
0225_03	25000 ppm	Day : 5	3.4	653	57	21
0225_03	25000 ppm	Day : 21	4	456	46	24
0226_03	25000 ppm	Day : 5	3.5	659	42	20

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0226_03	25000 ppm	Day : 21	3.7	408	39	26
0227_03	25000 ppm	Day : 5	3.3	721	68	32
0227_03	25000 ppm	Day : 21	3.9	442	46	19
0228_03	25000 ppm	Day : 5	3.3	822	60	43
0228_03	25000 ppm	Day : 21	3.8	453	43	21
0229_03	25000 ppm	Day : 5	3.3	815	51	37
0229_03	25000 ppm	Day : 21	3.8	434	41	21
0230_03	25000 ppm	Day : 5	3.5	681	61	30
0230_03	25000 ppm	Day : 21	4.1	409	39	18
0231_03	50000 ppm	Day : 5	3.4	773	76	38
0231_03	50000 ppm	Day : 21	4	554	48	55
0232_03	50000 ppm	Day : 5	3.4	795	81	34
0232_03	50000 ppm	Day : 21	4	566	49	30
0233_03	50000 ppm	Day : 5	3.6	763	40	15
0233_03	50000 ppm	Day : 21	3.8	462	51	25
0234_03	50000 ppm	Day : 5	3.6	780	69	36
0234_03	50000 ppm	Day : 21	4	555	46	26
0235_03	50000 ppm	Day : 5	3.6	747	50	29
0235_03	50000 ppm	Day : 21	3.8	500	45	11
0236_03	50000 ppm	Day : 5	3.3	703	59	
0236_03	50000 ppm	Day : 21	3.4	454	47	36
0237_03	50000 ppm	Day : 5	3.3	820	73	25

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

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Time Report Requested: 17:29:54

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0237_03	50000 ppm	Day : 5	3.3	820	73	25
0237_03	50000 ppm	Day : 21	3.7	501	50	18
0238_03	50000 ppm	Day : 5	3.4	802	66	50
0238_03	50000 ppm	Day : 21	3.4	441	42	15
0239_03	50000 ppm	Day : 5	3.2	818	53	26
0239_03	50000 ppm	Day : 21	3.6	451	40	19
0240_03	50000 ppm	Day : 5	3.6	705	53	52
0240_03	50000 ppm	Day : 21	4.2	522	51	25

Experiment Number: 05191-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 17:29:54

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0061_03	0 ppm	Week : 13	19.8	273	0.53	7.1
0062_03	0 ppm	Week : 13	21.5	315	0.55	6.9
0063_03	0 ppm	Week : 13	25.2	287	0.6	6.9
0064_03	0 ppm	Week : 13	24	275	0.64	7.3
0065_03	0 ppm	Week : 13	26.3	345	0.52	7.7
0066_03	0 ppm	Week : 13	21.1	208	0.68	6.5
0067_03	0 ppm	Week : 13	21.7	188	0.63	6.8
0068_03	0 ppm	Week : 13	21.5	381	0.58	6.4
0069_03	0 ppm	Week : 13	21.4	504	0.65	6.9
0070_03	0 ppm	Week : 13	21.6	264	0.66	6.8
0071_03	3125 ppm	Week : 13	23.5	183	0.57	6.8
0072_03	3125 ppm	Week : 13	22.3	445	0.59	7.1
0073_03	3125 ppm	Week : 13	21.7	295	0.57	6.7
0074_03	3125 ppm	Week : 13	22.5	155	0.66	7.2
0075_03	3125 ppm	Week : 13	24.7	394	0.63	6.9
0076_03	3125 ppm	Week : 13	22.8	117	0.58	7.2
0077_03	3125 ppm	Week : 13	27.1	266	0.6	7.3
0078_03	3125 ppm	Week : 13	25.6	228	0.74	7
0079_03	3125 ppm	Week : 13	21.5	298	0.7	7.1
0080_03	3125 ppm	Week : 13	20.4	93	0.67	6.8
0081_03	6250 ppm	Week : 13	24.5	270	0.64	6.7
0082_03	6250 ppm	Week : 13	22.5	208	0.59	6.5

Experiment Number: 05191-03

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
0083_03	6250 ppm	Week : 13	22.4	312	0.63	6.9
0084_03	6250 ppm	Week : 13	25.3	326	0.51	7.1
0085_03	6250 ppm	Week : 13	22.5	477	0.67	7.1
0086_03	6250 ppm	Week : 13	22.3	164	0.62	6.4
0087_03	6250 ppm	Week : 13	22.4	128	0.62	7
0088_03	6250 ppm	Week : 13	19.7	181	0.66	6.7
0089_03	6250 ppm	Week : 13	23.2	148	0.62	6.7
0090_03	6250 ppm	Week : 13	23.2	158	0.69	6.5
0091_03	12500 ppm	Week : 13	20.1	383	0.58	7.1
0092_03	12500 ppm	Week : 13	24.7	272	0.59	7
0093_03	12500 ppm	Week : 13	25.9	570	0.59	6.6
0094_03	12500 ppm	Week : 13	28.7	365	0.63	6.9
0095_03	12500 ppm	Week : 13	26.2	359	0.62	6.9
0096_03	12500 ppm	Week : 13	17.9	123	0.5	6.4
0097_03	12500 ppm	Week : 13	25.7	165	0.65	6.8
0098_03	12500 ppm	Week : 13	25.9	230	0.65	6.9
0099_03	12500 ppm	Week : 13	24.4	125	0.72	7.2
0100_03	12500 ppm	Week : 13	25.3	177	0.68	6.8
0101_03	25000 ppm	Week : 13	23.8	318	0.61	6.6
0102_03	25000 ppm	Week : 13	24.1	196	0.6	7
0103_03	25000 ppm	Week : 13	23.5	436	0.55	6.6
0104_03	25000 ppm	Week : 13	22.1	366	0.4	6.4

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Species/Strain: Rat/Fischer 344

Time Report Requested: 17:29:54

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_03	25000 ppm	Week : 13	20.5	285	0.58	6.2
0106_03	25000 ppm	Week : 13	23.7	244	0.65	7.3
0107_03	25000 ppm	Week : 13	26.7	267	0.67	6.7
0108_03	25000 ppm	Week : 13	25.9	189	0.67	6.7
0109_03	25000 ppm	Week : 13	27.6	320	0.65	6.5
0110_03	25000 ppm	Week : 13	23.8	269	0.69	7.1
0111_03	50000 ppm	Week : 13	22.5	496	0.63	6.6
0112_03	50000 ppm	Week : 13	23.3	182	0.68	6.8
0113_03	50000 ppm	Week : 13	22.4	358	0.66	6.2
0114_03	50000 ppm	Week : 13	30.5	317	0.69	6.7
0115_03	50000 ppm	Week : 13	25.6	260	0.62	6
0116_03	50000 ppm	Week : 13	19.8	198	0.6	6.3
0117_03	50000 ppm	Week : 13	28.4	173	0.69	7
0118_03	50000 ppm	Week : 13	24.5	182	0.58	6.2
0119_03	50000 ppm	Week : 13	26.2	274	0.7	7
0120_03	50000 ppm	Week : 13	18.6	330	0.54	6.1
0181_03	0 ppm	Day : 5	22.6	456	0.54	6
0181_03	0 ppm	Day : 21	21.9	321	0.65	6.3
0182_03	0 ppm	Day : 5	24.2	900	0.58	6
0182_03	0 ppm	Day : 21	23.5	679	0.61	6.1
0183_03	0 ppm	Day : 5	22.5	423	0.56	6.4
0183_03	0 ppm	Day : 21	22.3	482	0.56	6.4

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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	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0184_03	0 ppm	Day : 5	22.5	817	0.71	6.8
0184_03	0 ppm	Day : 21	19.9	321	0.63	6.3
0185_03	0 ppm	Day : 5	22.1	493	0.52	6.2
0185_03	0 ppm	Day : 21	23	434	0.58	6.1
0186_03	0 ppm	Day : 5	22.9	278	0.6	5.7
0186_03	0 ppm	Day : 21	17.7	642	0.49	6.4
0187_03	0 ppm	Day : 5	24.5	504	0.52	6.4
0187_03	0 ppm	Day : 21	19.5	510	0.55	6.7
0188_03	0 ppm	Day : 5	18.2	489	0.48	5.9
0188_03	0 ppm	Day : 21	17.3	177	0.48	6.6
0189_03	0 ppm	Day : 5	20.9	969	0.57	5.8
0189_03	0 ppm	Day : 21	16.8	481	0.63	6.7
0190_03	0 ppm	Day : 5	20.9	262	0.4	6.3
0190_03	0 ppm	Day : 21	13.9	292	0.65	7
0191_03	3125 ppm	Day : 5	23.7	715	0.58	6.1
0191_03	3125 ppm	Day : 21	19.6	421	0.63	5.9
0192_03	3125 ppm	Day : 5	23.2	418	0.56	6.4
0192_03	3125 ppm	Day : 21	21.8	295	0.69	6.6
0193_03	3125 ppm	Day : 5	21.4	384	0.61	6.3
0193_03	3125 ppm	Day : 21	22.3	284	0.49	6.4
0194_03	3125 ppm	Day : 5	22.3	849	0.53	5.9
0194_03	3125 ppm	Day : 21	22.1	272	0.66	6.4

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0195_03	3125 ppm	Day : 5	18.8	595	0.55	5.5
0195_03	3125 ppm	Day : 21	17.4	362	0.55	6
0196_03	3125 ppm	Day : 5	19.2	672	0.52	5.8
0196_03	3125 ppm	Day : 21	16.6	514	0.54	5.7
0197_03	3125 ppm	Day : 5	19.6	378	0.56	6.4
0197_03	3125 ppm	Day : 21	15.5	165	0.57	6.4
0198_03	3125 ppm	Day : 5	19.8	536	0.5	6.1
0198_03	3125 ppm	Day : 21	14.3	225	0.57	5.9
0199_03	3125 ppm	Day : 5	20	848	0.49	6
0199_03	3125 ppm	Day : 21	15.3	743	0.6	6
0200_03	3125 ppm	Day : 5	17.2	593	0.47	5.6
0200_03	3125 ppm	Day : 21	18	859	0.52	6.4
0201_03	6250 ppm	Day : 5	22.7	1091	0.11	5.8
0201_03	6250 ppm	Day : 21	21.1	177	0.58	6.1
0202_03	6250 ppm	Day : 5	20.2	505	0.33	6
0202_03	6250 ppm	Day : 21	19.7	442	0.63	6.3
0203_03	6250 ppm	Day : 5	24.2	603	0.51	6
0203_03	6250 ppm	Day : 21	22.1	234	0.59	6.1
0204_03	6250 ppm	Day : 5	20.6	837	0.59	6.3
0204_03	6250 ppm	Day : 21	25.2	274	0.64	6.2
0205_03	6250 ppm	Day : 5	19.1	653	0.59	5.8
0205_03	6250 ppm	Day : 21	23.4	308	0.58	6

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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	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0206_03	6250 ppm	Day : 5	18.9	455	0.47	5.7
0206_03	6250 ppm	Day : 21	17.4	510	0.53	6.2
0207_03	6250 ppm	Day : 5	19.9	458	0.45	6
0207_03	6250 ppm	Day : 21	17.5	630	0.44	6.3
0208_03	6250 ppm	Day : 5	22	581	0.59	6
0208_03	6250 ppm	Day : 21	22	2486	0.67	6.6
0209_03	6250 ppm	Day : 5	19	284	0.61	6
0209_03	6250 ppm	Day : 21	19.5	1222	0.65	6.3
0210_03	6250 ppm	Day : 5	20.2	391	0.48	6.1
0210_03	6250 ppm	Day : 21	13.2	275	0.53	5.9
0211_03	12500 ppm	Day : 5	22.6	868	0.53	6.2
0211_03	12500 ppm	Day : 21	20.2	248	0.56	6.6
0212_03	12500 ppm	Day : 5	23.6	416	0.53	6.1
0212_03	12500 ppm	Day : 21	21	144	0.54	5.9
0213_03	12500 ppm	Day : 5	20.4	782	0.32	5.8
0213_03	12500 ppm	Day : 21	19.8	517	0.53	6.1
0214_03	12500 ppm	Day : 5	21.6	412	0.52	5.8
0214_03	12500 ppm	Day : 21	22.2	238	0.43	6.1
0215_03	12500 ppm	Day : 5	23	1516	0.64	5.9
0215_03	12500 ppm	Day : 21	19.4	748	0.53	5.8
0216_03	12500 ppm	Day : 5	18.8	651	0.51	5.7
0216_03	12500 ppm	Day : 21	18.5	379	0.5	6.3

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Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

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Time Report Requested: 17:29:54

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0217_03	12500 ppm	Day : 5	18.2	940	0.54	5.7
0217_03	12500 ppm	Day : 21	16.2	270	0.63	6
0218_03	12500 ppm	Day : 5	18.8	493	0.47	5.8
0218_03	12500 ppm	Day : 21	18	239	0.59	6.3
0219_03	12500 ppm	Day : 5	18.9	1021	0.64	6.4
0219_03	12500 ppm	Day : 21	20.1	427	0.62	6.6
0220_03	12500 ppm	Day : 5	23.4	343	0.52	6.3
0220_03	12500 ppm	Day : 21	15.1	239	0.57	6.3
0221_03	25000 ppm	Day : 5	27.8	736	0.48	5.8
0221_03	25000 ppm	Day : 21	21.3	372	0.44	5.9
0222_03	25000 ppm	Day : 5	22.5	385	0.5	5.9
0222_03	25000 ppm	Day : 21	22.1	210	0.56	6.3
0223_03	25000 ppm	Day : 5	24.2	789	0.69	6.1
0223_03	25000 ppm	Day : 21	21.3	983	0.67	6.2
0224_03	25000 ppm	Day : 5	19.7	584	0.57	6.2
0224_03	25000 ppm	Day : 21	25.6	529	0.59	6.6
0225_03	25000 ppm	Day : 5	19.8	546	0.47	5.7
0225_03	25000 ppm	Day : 21	17.8	210	0.54	6.1
0226_03	25000 ppm	Day : 5	21.1	364	0.54	6.2
0226_03	25000 ppm	Day : 21	17.6	425	0.52	5.9
0227_03	25000 ppm	Day : 5	18.1	944	0.5	5.7
0227_03	25000 ppm	Day : 21	18.6	463	0.52	6

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0228_03	25000 ppm	Day : 5	20	420	0.61	5.9
0228_03	25000 ppm	Day : 21	16.5	356	0.55	6.3
0229_03	25000 ppm	Day : 5	18.4	399	0.53	5.6
0229_03	25000 ppm	Day : 21	15.9	431	0.49	6.2
0230_03	25000 ppm	Day : 5	17.3	1466	0.51	6.1
0230_03	25000 ppm	Day : 21	16.9	226	0.61	6.2
0231_03	50000 ppm	Day : 5	19	614	0.51	5.9
0231_03	50000 ppm	Day : 21	19.2	237	0.48	6.2
0232_03	50000 ppm	Day : 5	21.9	616	0.52	5.8
0232_03	50000 ppm	Day : 21	17.9	221	0.61	5.9
0233_03	50000 ppm	Day : 5	18.1	575	0.56	6
0233_03	50000 ppm	Day : 21	19.3	416	0.64	5.8
0234_03	50000 ppm	Day : 5	19	580	0.5	6.2
0234_03	50000 ppm	Day : 21	17.6	234	0.69	6.5
0235_03	50000 ppm	Day : 5	21.6	705	0.43	5.9
0235_03	50000 ppm	Day : 21	18.1	210	0.08*	5.9
0236_03	50000 ppm	Day : 5	16.7	704	0.42	5.5
0236_03	50000 ppm	Day : 21	16.6	203	0.5	5.8
0237_03	50000 ppm	Day : 5	19.3	950	0.45	5.8
0237_03	50000 ppm	Day : 21	14.6	572	0.58	5.9
0238_03	50000 ppm	Day : 5	18.6	1087	0.55	5.9
0238_03	50000 ppm	Day : 21	16.2	485	0.52	5.7

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:29:54

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0239_03	50000 ppm	Day : 5	17.1	715	0.44	5.6
0239_03	50000 ppm	Day : 21	17.9	183	0.46	5.9
0240_03	50000 ppm	Day : 5	18.2	692	0.57	5.9
0240_03	50000 ppm	Day : 21	18.1	181	0.63	7

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:29:54

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0061_03	0 ppm	Week : 13	3
0062_03	0 ppm	Week : 13	5
0063_03	0 ppm	Week : 13	5
0064_03	0 ppm	Week : 13	5
0065_03	0 ppm	Week : 13	5
0066_03	0 ppm	Week : 13	4
0067_03	0 ppm	Week : 13	4
0068_03	0 ppm	Week : 13	5
0069_03	0 ppm	Week : 13	4
0070_03	0 ppm	Week : 13	3
0071_03	3125 ppm	Week : 13	3
0072_03	3125 ppm	Week : 13	4
0073_03	3125 ppm	Week : 13	3
0074_03	3125 ppm	Week : 13	5
0075_03	3125 ppm	Week : 13	5
0076_03	3125 ppm	Week : 13	5
0077_03	3125 ppm	Week : 13	4
0078_03	3125 ppm	Week : 13	4
0079_03	3125 ppm	Week : 13	3
0080_03	3125 ppm	Week : 13	6
0081_03	6250 ppm	Week : 13	4
0082_03	6250 ppm	Week : 13	4

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:29:54

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0083_03	6250 ppm	Week : 13	4
0084_03	6250 ppm	Week : 13	5
0085_03	6250 ppm	Week : 13	4
0086_03	6250 ppm	Week : 13	3
0087_03	6250 ppm	Week : 13	7
0088_03	6250 ppm	Week : 13	5
0089_03	6250 ppm	Week : 13	6
0090_03	6250 ppm	Week : 13	4
0091_03	12500 ppm	Week : 13	3
0092_03	12500 ppm	Week : 13	4
0093_03	12500 ppm	Week : 13	5
0094_03	12500 ppm	Week : 13	5
0095_03	12500 ppm	Week : 13	5
0096_03	12500 ppm	Week : 13	4
0097_03	12500 ppm	Week : 13	5
0098_03	12500 ppm	Week : 13	4
0099_03	12500 ppm	Week : 13	5
0100_03	12500 ppm	Week : 13	5
0101_03	25000 ppm	Week : 13	3
0102_03	25000 ppm	Week : 13	5
0103_03	25000 ppm	Week : 13	4
0104_03	25000 ppm	Week : 13	4

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:29:54

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0105_03	25000 ppm	Week : 13	4
0106_03	25000 ppm	Week : 13	6
0107_03	25000 ppm	Week : 13	4
0108_03	25000 ppm	Week : 13	4
0109_03	25000 ppm	Week : 13	4
0110_03	25000 ppm	Week : 13	6
0111_03	50000 ppm	Week : 13	4
0112_03	50000 ppm	Week : 13	6
0113_03	50000 ppm	Week : 13	4
0114_03	50000 ppm	Week : 13	4
0115_03	50000 ppm	Week : 13	4
0116_03	50000 ppm	Week : 13	5
0117_03	50000 ppm	Week : 13	0
0118_03	50000 ppm	Week : 13	4
0119_03	50000 ppm	Week : 13	5
0120_03	50000 ppm	Week : 13	4
0181_03	0 ppm	Day : 5	5
0181_03	0 ppm	Day : 21	4
0182_03	0 ppm	Day : 5	5
0182_03	0 ppm	Day : 21	5
0183_03	0 ppm	Day : 5	4
0183_03	0 ppm	Day : 21	5

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:29:54

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0184_03	0 ppm	Day : 5	3
0184_03	0 ppm	Day : 21	5
0185_03	0 ppm	Day : 5	5
0185_03	0 ppm	Day : 21	5
0186_03	0 ppm	Day : 5	4
0186_03	0 ppm	Day : 21	6
0187_03	0 ppm	Day : 5	6
0187_03	0 ppm	Day : 21	5
0188_03	0 ppm	Day : 5	4
0188_03	0 ppm	Day : 21	4
0189_03	0 ppm	Day : 5	5
0189_03	0 ppm	Day : 21	4
0190_03	0 ppm	Day : 5	4
0190_03	0 ppm	Day : 21	5
0191_03	3125 ppm	Day : 5	4
0191_03	3125 ppm	Day : 21	4
0192_03	3125 ppm	Day : 5	5
0192_03	3125 ppm	Day : 21	7
0193_03	3125 ppm	Day : 5	4
0193_03	3125 ppm	Day : 21	5
0194_03	3125 ppm	Day : 5	5
0194_03	3125 ppm	Day : 21	6

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:29:54

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0195_03	3125 ppm	Day : 5	5
0195_03	3125 ppm	Day : 21	4
0196_03	3125 ppm	Day : 5	5
0196_03	3125 ppm	Day : 21	4
0197_03	3125 ppm	Day : 5	5
0197_03	3125 ppm	Day : 21	6
0198_03	3125 ppm	Day : 5	5
0198_03	3125 ppm	Day : 21	5
0199_03	3125 ppm	Day : 5	5
0199_03	3125 ppm	Day : 21	5
0200_03	3125 ppm	Day : 5	5
0200_03	3125 ppm	Day : 21	7
0201_03	6250 ppm	Day : 5	6
0201_03	6250 ppm	Day : 21	6
0202_03	6250 ppm	Day : 5	5
0202_03	6250 ppm	Day : 21	4
0203_03	6250 ppm	Day : 5	5
0203_03	6250 ppm	Day : 21	6
0204_03	6250 ppm	Day : 5	5
0204_03	6250 ppm	Day : 21	5
0205_03	6250 ppm	Day : 5	4
0205_03	6250 ppm	Day : 21	6

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:29:55

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0206_03	6250 ppm	Day : 5	5
0206_03	6250 ppm	Day : 21	4
0207_03	6250 ppm	Day : 5	4
0207_03	6250 ppm	Day : 21	5
0208_03	6250 ppm	Day : 5	4
0208_03	6250 ppm	Day : 21	7
0209_03	6250 ppm	Day : 5	4
0209_03	6250 ppm	Day : 21	5
0210_03	6250 ppm	Day : 5	4
0210_03	6250 ppm	Day : 21	5
0211_03	12500 ppm	Day : 5	5
0211_03	12500 ppm	Day : 21	4
0212_03	12500 ppm	Day : 5	5
0212_03	12500 ppm	Day : 21	5
0213_03	12500 ppm	Day : 5	5
0213_03	12500 ppm	Day : 21	5
0214_03	12500 ppm	Day : 5	5
0214_03	12500 ppm	Day : 21	4
0215_03	12500 ppm	Day : 5	5
0215_03	12500 ppm	Day : 21	4
0216_03	12500 ppm	Day : 5	4
0216_03	12500 ppm	Day : 21	5

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:29:55

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0217_03	12500 ppm	Day : 5	5
0217_03	12500 ppm	Day : 21	6
0218_03	12500 ppm	Day : 5	5
0218_03	12500 ppm	Day : 21	7
0219_03	12500 ppm	Day : 5	5
0219_03	12500 ppm	Day : 21	5
0220_03	12500 ppm	Day : 5	4
0220_03	12500 ppm	Day : 21	6
0221_03	25000 ppm	Day : 5	5
0221_03	25000 ppm	Day : 21	4
0222_03	25000 ppm	Day : 5	5
0222_03	25000 ppm	Day : 21	5
0223_03	25000 ppm	Day : 5	5
0223_03	25000 ppm	Day : 21	5
0224_03	25000 ppm	Day : 5	7
0224_03	25000 ppm	Day : 21	5
0225_03	25000 ppm	Day : 5	4
0225_03	25000 ppm	Day : 21	5
0226_03	25000 ppm	Day : 5	5
0226_03	25000 ppm	Day : 21	4
0227_03	25000 ppm	Day : 5	5
0227_03	25000 ppm	Day : 21	5

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:29:55

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0228_03	25000 ppm	Day : 5	4
0228_03	25000 ppm	Day : 21	4
0229_03	25000 ppm	Day : 5	5
0229_03	25000 ppm	Day : 21	4
0230_03	25000 ppm	Day : 5	5
0230_03	25000 ppm	Day : 21	9
0231_03	50000 ppm	Day : 5	6
0231_03	50000 ppm	Day : 21	5
0232_03	50000 ppm	Day : 5	4
0232_03	50000 ppm	Day : 21	5
0233_03	50000 ppm	Day : 5	4
0233_03	50000 ppm	Day : 21	4
0234_03	50000 ppm	Day : 5	5
0234_03	50000 ppm	Day : 21	6
0235_03	50000 ppm	Day : 5	5
0235_03	50000 ppm	Day : 21	5
0236_03	50000 ppm	Day : 5	5
0236_03	50000 ppm	Day : 21	5
0237_03	50000 ppm	Day : 5	5
0237_03	50000 ppm	Day : 21	5
0238_03	50000 ppm	Day : 5	4
0238_03	50000 ppm	Day : 21	6

Experiment Number: 05191-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:29:55

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0239_03	50000 ppm	Day : 5	5
0239_03	50000 ppm	Day : 21	7
0240_03	50000 ppm	Day : 5	4
0240_03	50000 ppm	Day : 21	10

** END OF REPORT **