

**Experiment Number:** 05195-03

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

**P42: Clinical Chemistry Data**

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

**Time Report Requested:** 00:19:45

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

**Lab:** NA

**C Number:** C62113

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Both

Experiment Number: 05195-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:19:45

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	5 Prime Nucleotidase IU per L	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0001_03	0 ppm	Week : 13	24	223	58	33
0002_03	0 ppm	Week : 13	29	259	61	37
0003_03	0 ppm	Week : 13	31	261	57	22
0004_03	0 ppm	Week : 13	32	293	88	26
0005_03	0 ppm	Week : 13	27	273	89	23
0006_03	0 ppm	Week : 13	36	276	57	16
0007_03	0 ppm	Week : 13	33	293	85	15
0008_03	0 ppm	Week : 13	28	259	58	20
0009_03	0 ppm	Week : 13	34	293	65	15
0010_03	0 ppm	Week : 13	36	281	62	22
0011_03	3.75 ppm	Week : 13	29	210	52	21
0012_03	3.75 ppm	Week : 13	30	197	43	24
0013_03	3.75 ppm	Week : 13	30	215	46	27
0014_03	3.75 ppm	Week : 13	25	177	40	20
0015_03	3.75 ppm	Week : 13	26	193	58	60
0016_03	3.75 ppm	Week : 13	32	248	66	23
0017_03	3.75 ppm	Week : 13	25	255	58	7
0018_03	3.75 ppm	Week : 13	29	244	76	26
0019_03	3.75 ppm	Week : 13	25	217	57	21
0020_03	3.75 ppm	Week : 13	32	271	58	46
0021_03	7.5 ppm	Week : 13	27	227	50	29
0022_03	7.5 ppm	Week : 13	25	241	45	26

Experiment Number: 05195-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:19:46

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	5 Prime Nucleotidase IU per L	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0023_03	7.5 ppm	Week : 13	26	204	45	21
0024_03	7.5 ppm	Week : 13	24	259	53	16
0025_03	7.5 ppm	Week : 13	40	241	94	28
0026_03	7.5 ppm	Week : 13	29	270	57	12
0027_03	7.5 ppm	Week : 13	27	296	47	13
0028_03	7.5 ppm	Week : 13	32	308	54	25
0029_03	7.5 ppm	Week : 13	25	261	50	15
0030_03	7.5 ppm	Week : 13	30	255	45	11
0031_03	15 ppm	Week : 13	27	201	45	19
0032_03	15 ppm	Week : 13	31	220	49	23
0033_03	15 ppm	Week : 13	25	228	47	23
0034_03	15 ppm	Week : 13	27	235	51	27
0035_03	15 ppm	Week : 13	29	253	62	26
0036_03	15 ppm	Week : 13	22	228	44	14
0037_03	15 ppm	Week : 13	32	241	51	18
0038_03	15 ppm	Week : 13	29	254	58	13
0039_03	15 ppm	Week : 13	30	236	54	25
0040_03	15 ppm	Week : 13	23	242	50	14
0041_03	30 ppm	Week : 13	28	256	69	36
0042_03	30 ppm	Week : 13	26	207	65	20
0043_03	30 ppm	Week : 13	42	235	100	43
0044_03	30 ppm	Week : 13	27	244	56	35

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**MALE**


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Animal No.	Dose	Time In Study	5 Prime Nucleotidase IU per L	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0044_03	30 ppm	Week : 13	27	244	56	35
0045_03	30 ppm	Week : 13	35	190	61	21
0046_03	30 ppm	Week : 13	25	207	70	42
0047_03	30 ppm	Week : 13	26	231	65	22
0048_03	30 ppm	Week : 13	24	212	76	27
0049_03	30 ppm	Week : 13	30	231	187	54
0050_03	30 ppm	Week : 13	25	216	55	13
0051_03	60 ppm	Day : 42	23	147	210	86
0054_03	60 ppm	Day : 42	23	187	231	34
0055_03	60 ppm	Day : 42	32	204	247	63
0131_03	0 ppm	Day : 3	19	781	34	28
0131_03	0 ppm	Week : 13	16	130	44	8
0131_03	0 ppm	Day : 14	23	511	38	29
0131_03	0 ppm	Day : 42	21	206	41	12
0131_03	0 ppm	Day : 70	30	202	42	24
0132_03	0 ppm	Day : 3	17	721	38	10
0132_03	0 ppm	Week : 13	16	143	47	17
0132_03	0 ppm	Day : 14	28	445	29	15
0132_03	0 ppm	Day : 42	23	213	45	13
0132_03	0 ppm	Day : 70	33	195	54	20
0133_03	0 ppm	Day : 3	18	774	41	16
0133_03	0 ppm	Week : 13	15	138	54	19

## MALE

Animal No.	Dose	Time In Study	5 Prime Nucleotidase IU per L	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0133_03	0 ppm	Day : 14	25	417	28	28
0133_03	0 ppm	Day : 42	24	212	37	20
0133_03	0 ppm	Day : 70	36	207	50	25
0134_03	0 ppm	Day : 3	17	707	30	13
0134_03	0 ppm	Week : 13	21	131	65	6
0134_03	0 ppm	Day : 14	24	450	25	25
0134_03	0 ppm	Day : 42	28	213	43	11
0134_03	0 ppm	Day : 70	29	161	45	13
0135_03	0 ppm	Day : 3	21	733	38	11
0135_03	0 ppm	Week : 13	16	121	40	
0135_03	0 ppm	Day : 14	28	415	27	29
0135_03	0 ppm	Day : 42	21	206	31	10
0135_03	0 ppm	Day : 70	35	163	35	15
0136_03	0 ppm	Day : 3	18	758	35	11
0136_03	0 ppm	Week : 13	13	122	37	9
0136_03	0 ppm	Day : 14	25	396	28	19
0136_03	0 ppm	Day : 42	20	194	29	9
0136_03	0 ppm	Day : 70	36	207	40	12
0137_03	0 ppm	Day : 3	17	783	37	13
0137_03	0 ppm	Week : 13	13	137	44	31
0137_03	0 ppm	Day : 14	31	478	30	39
0137_03	0 ppm	Day : 42	24	215	39	36

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**MALE**


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Animal No.	Dose	Time In Study	5 Prime Nucleotidase IU per L	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0137_03	0 ppm	Day : 42	24	215	39	36
0137_03	0 ppm	Day : 70	42	159	42	36
0138_03	0 ppm	Day : 3	17	695	34	11
0138_03	0 ppm	Week : 13	14	136	37	5
0138_03	0 ppm	Day : 14	38	424	34	39
0138_03	0 ppm	Day : 42	22	191	35	17
0138_03	0 ppm	Day : 70	37	186	42	25
0139_03	0 ppm	Day : 3	21	762	42	10
0139_03	0 ppm	Week : 13	15	122	44	23
0139_03	0 ppm	Day : 14	33	416	30	16
0139_03	0 ppm	Day : 42	23	206	36	11
0139_03	0 ppm	Day : 70	32	155	33	17
0140_03	0 ppm	Day : 3	16	707	35	12
0140_03	0 ppm	Week : 13	13	111	58	11
0140_03	0 ppm	Day : 14	31	370	29	15
0140_03	0 ppm	Day : 42	26	211	43	33
0140_03	0 ppm	Day : 70	54	165	44	68
0141_03	3.75 ppm	Day : 3	17	665	30	9
0141_03	3.75 ppm	Week : 13	13	118	50	5
0141_03	3.75 ppm	Day : 14	24	403	26	13
0141_03	3.75 ppm	Day : 42	27	205	33	19
0141_03	3.75 ppm	Day : 70	28	167	36	17

## MALE

Animal No.	Dose	Time In Study	5 Prime Nucleotidase IU per L	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0142_03	3.75 ppm	Day : 3	18	666	30	11
0142_03	3.75 ppm	Week : 13	18	121	44	13
0142_03	3.75 ppm	Day : 14	25	415	31	15
0142_03	3.75 ppm	Day : 42	23	211	33	20
0142_03	3.75 ppm	Day : 70	40	174	45	18
0143_03	3.75 ppm	Day : 3	16	616	30	13
0143_03	3.75 ppm	Week : 13	13	105	35	
0143_03	3.75 ppm	Day : 14	21	404	30	17
0143_03	3.75 ppm	Day : 42	21	204	34	39
0143_03	3.75 ppm	Day : 70	32	155	34	22
0144_03	3.75 ppm	Day : 3	18	682	37	36
0144_03	3.75 ppm	Week : 13	11	109	35	
0144_03	3.75 ppm	Day : 14	25	414	35	18
0144_03	3.75 ppm	Day : 42	27	193	39	17
0144_03	3.75 ppm	Day : 70	37	156	39	15
0145_03	3.75 ppm	Day : 3	18	675	30	14
0145_03	3.75 ppm	Week : 13	13	114	37	
0145_03	3.75 ppm	Day : 14	25	393	36	24
0145_03	3.75 ppm	Day : 42	23	195	37	22
0145_03	3.75 ppm	Day : 70	29	143	33	17
0146_03	3.75 ppm	Day : 3	16	667	37	12
0146_03	3.75 ppm	Week : 13	13	117	39	15

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Time Report Requested: 00:19:46

First Dose M/F: NA / NA

Lab: NA

## MALE

Animal No.	Dose	Time In Study	5 Prime Nucleotidase IU per L	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0146_03	3.75 ppm	Week : 13	13	117	39	15
0146_03	3.75 ppm	Day : 14	27	400	31	26
0146_03	3.75 ppm	Day : 42	23	201	34	27
0146_03	3.75 ppm	Day : 70	36	154	43	23
0147_03	3.75 ppm	Day : 3	17	681	36	13
0147_03	3.75 ppm	Week : 13	12	110	32	10
0147_03	3.75 ppm	Day : 14	32	446	28	28
0147_03	3.75 ppm	Day : 42	25	220	40	18
0147_03	3.75 ppm	Day : 70	31	159	35	30
0148_03	3.75 ppm	Day : 3	18	732	35	11
0148_03	3.75 ppm	Week : 13	14	122	45	9
0148_03	3.75 ppm	Day : 14	26	404	32	28
0148_03	3.75 ppm	Day : 42	25	182	40	56
0148_03	3.75 ppm	Day : 70	27	160	38	18
0149_03	3.75 ppm	Day : 3	17	713	29	12
0149_03	3.75 ppm	Week : 13	20	118	66	41
0149_03	3.75 ppm	Day : 14	22	405	29	20
0149_03	3.75 ppm	Day : 42	22	225	35	41
0149_03	3.75 ppm	Day : 70	26	138	42	15
0150_03	3.75 ppm	Day : 3	19	667	36	21
0150_03	3.75 ppm	Week : 13	17	129	57	65
0150_03	3.75 ppm	Day : 14	30	413	27	27



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**MALE**


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Animal No.	Dose	Time In Study	5 Prime Nucleotidase IU per L	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0150_03	3.75 ppm	Day : 42	37	204	40	27
0150_03	3.75 ppm	Day : 70	26	145	36	14
0151_03	7.5 ppm	Day : 3	16	590	33	12
0151_03	7.5 ppm	Week : 13	14	118	29	
0151_03	7.5 ppm	Day : 14	27	407	33	23
0151_03	7.5 ppm	Day : 42	20	182	32	19
0151_03	7.5 ppm	Day : 70	38	169	43	26
0152_03	7.5 ppm	Day : 3	20	743	38	9
0152_03	7.5 ppm	Week : 13	13	96	37	5
0152_03	7.5 ppm	Day : 14	21	392	34	18
0152_03	7.5 ppm	Day : 42	36	185	43	27
0152_03	7.5 ppm	Day : 70	32	182	41	17
0153_03	7.5 ppm	Day : 3	16	722	37	15
0153_03	7.5 ppm	Week : 13	13	127	37	8
0153_03	7.5 ppm	Day : 14	24	447	34	19
0153_03	7.5 ppm	Day : 42	18	207	35	23
0153_03	7.5 ppm	Day : 70	29	162	38	13
0154_03	7.5 ppm	Day : 3	18	808	39	14
0154_03	7.5 ppm	Week : 13	15	103	47	20
0154_03	7.5 ppm	Day : 14	32	382	28	20
0154_03	7.5 ppm	Day : 42	22	188	37	18
0154_03	7.5 ppm	Day : 70	32	170	40	14

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**MALE**


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Animal No.	Dose	Time In Study	5 Prime Nucleotidase IU per L	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0154_03	7.5 ppm	Day : 70	32	170	40	14
0155_03	7.5 ppm	Day : 3	16	599	28	9
0155_03	7.5 ppm	Week : 13	14	96	30	
0155_03	7.5 ppm	Day : 14	26	441	29	17
0155_03	7.5 ppm	Day : 42	28	207	34	24
0155_03	7.5 ppm	Day : 70	31	165	37	15
0156_03	7.5 ppm	Day : 3	17	643	28	12
0156_03	7.5 ppm	Week : 13	15	112	27	
0156_03	7.5 ppm	Day : 14	26	448	38	23
0156_03	7.5 ppm	Day : 42	24	191	33	17
0156_03	7.5 ppm	Day : 70	39	159	36	26
0157_03	7.5 ppm	Day : 3	17	645	32	15
0157_03	7.5 ppm	Week : 13	15	130	33	10
0157_03	7.5 ppm	Day : 14	22	345	26	24
0157_03	7.5 ppm	Day : 42	21	182	31	31
0157_03	7.5 ppm	Day : 70	35	152	36	16
0158_03	7.5 ppm	Day : 3	19	689	34	17
0158_03	7.5 ppm	Day : 14	26	440	34	22
0158_03	7.5 ppm	Day : 42	24	219	41	18
0158_03	7.5 ppm	Day : 70	28	195	37	17
0159_03	7.5 ppm	Day : 3	16	586	28	11
0159_03	7.5 ppm	Week : 13	15	148	40	34

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**MALE**


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Animal No.	Dose	Time In Study	5 Prime Nucleotidase IU per L	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0159_03	7.5 ppm	Day : 14	23	385	30	29
0159_03	7.5 ppm	Day : 42	25	196	41	27
0159_03	7.5 ppm	Day : 70	38	146	42	22
0160_03	7.5 ppm	Day : 3	17	672	33	11
0160_03	7.5 ppm	Week : 13	16	129	35	7
0160_03	7.5 ppm	Day : 14	22	453	31	15
0160_03	7.5 ppm	Day : 42	26	206	32	14
0160_03	7.5 ppm	Day : 70	29	157	31	17
0161_03	15 ppm	Day : 3	17	635	36	13
0161_03	15 ppm	Week : 13	15	106	42	7
0161_03	15 ppm	Day : 14	39	416	47	27
0161_03	15 ppm	Day : 42	25	200	34	44
0161_03	15 ppm	Day : 70	28	143	49	18
0162_03	15 ppm	Day : 3	16	617	42	10
0162_03	15 ppm	Week : 13	13	119	39	8
0162_03	15 ppm	Day : 14				38
0162_03	15 ppm	Day : 42	20	157	33	13
0162_03	15 ppm	Day : 70	29	162	41	24
0163_03	15 ppm	Day : 3	15	531	32	8
0163_03	15 ppm	Week : 13	15	105	52	6
0163_03	15 ppm	Day : 14	21	391	37	16
0163_03	15 ppm	Day : 42	22	190	43	21

## MALE

Animal No.	Dose	Time In Study	5 Prime Nucleotidase IU per L	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0163_03	15 ppm	Day : 42	22	190	43	21
0163_03	15 ppm	Day : 70	31	172	53	26
0164_03	15 ppm	Day : 3	19	551	32	12
0164_03	15 ppm	Week : 13	16	114	38	23
0164_03	15 ppm	Day : 14	23	358	44	22
0164_03	15 ppm	Day : 42	29	173	46	33
0164_03	15 ppm	Day : 70	28	138	33	20
0165_03	15 ppm	Day : 3	18	648	32	8
0165_03	15 ppm	Week : 13	16	115	33	
0165_03	15 ppm	Day : 14	26	477	42	26
0165_03	15 ppm	Day : 42	36	202	46	28
0165_03	15 ppm	Day : 70	43	158	49	21
0166_03	15 ppm	Day : 3	19	633	30	15
0166_03	15 ppm	Week : 13	14	115	37	
0166_03	15 ppm	Day : 14	26	376	37	17
0166_03	15 ppm	Day : 42	23	169	38	14
0166_03	15 ppm	Day : 70	32	150	34	17
0167_03	15 ppm	Day : 3	19	641	34	20
0167_03	15 ppm	Week : 13	15	122	37	9
0167_03	15 ppm	Day : 14	33	444	45	31
0167_03	15 ppm	Day : 42	22	210	38	25
0167_03	15 ppm	Day : 70	31	168	37	20

## MALE

Animal No.	Dose	Time In Study	5 Prime Nucleotidase IU per L	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0168_03	15 ppm	Day : 3	18	654	34	11
0168_03	15 ppm	Week : 13	16	104	36	14
0168_03	15 ppm	Day : 14	20	369	33	15
0168_03	15 ppm	Day : 42	25	184	33	14
0168_03	15 ppm	Day : 70	30	144	33	15
0169_03	15 ppm	Day : 3	18	697	42	9
0169_03	15 ppm	Week : 13	13	119	34	8
0169_03	15 ppm	Day : 14	29	437	34	23
0169_03	15 ppm	Day : 42	31	211	38	31
0169_03	15 ppm	Day : 70	38	194	35	19
0170_03	15 ppm	Day : 3	16	545	30	16
0170_03	15 ppm	Week : 13	12	126	31	
0170_03	15 ppm	Day : 14	23	399	29	15
0170_03	15 ppm	Day : 42	23	200	35	16
0170_03	15 ppm	Day : 70	30	169	31	14
0171_03	30 ppm	Day : 3	14	506	33	9
0171_03	30 ppm	Week : 13	16	117	37	14
0171_03	30 ppm	Day : 14	21	389	51	17
0171_03	30 ppm	Day : 42	23	180	41	27
0171_03	30 ppm	Day : 70	42	189	68	31
0172_03	30 ppm	Day : 3	15	493	35	8
0172_03	30 ppm	Week : 13	13	126	47	7

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**MALE**


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Animal No.	Dose	Time In Study	5 Prime Nucleotidase IU per L	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0172_03	30 ppm	Week : 13	13	126	47	7
0172_03	30 ppm	Day : 14	24	360	29	24
0172_03	30 ppm	Day : 42	28	198	47	31
0172_03	30 ppm	Day : 70	35	182	46	25
0173_03	30 ppm	Day : 3	17	606	40	12
0173_03	30 ppm	Week : 13	14	129	54	8
0173_03	30 ppm	Day : 14	22	352	40	19
0173_03	30 ppm	Day : 42	30	187	47	26
0173_03	30 ppm	Day : 70	31	190	47	17
0174_03	30 ppm	Day : 3	16	652	36	9
0174_03	30 ppm	Week : 13	18	135	59	36
0174_03	30 ppm	Day : 14	23	394	38	28
0174_03	30 ppm	Day : 42	28	218	49	16
0174_03	30 ppm	Day : 70	33	164	50	21
0175_03	30 ppm	Day : 3	16	587	38	22
0175_03	30 ppm	Week : 13	16	144	47	29
0175_03	30 ppm	Day : 14	24	417	47	11
0175_03	30 ppm	Day : 42	25	240	52	43
0175_03	30 ppm	Day : 70	37	212	55	16
0176_03	30 ppm	Day : 3	16	588	35	9
0176_03	30 ppm	Week : 13	13	114	43	16
0176_03	30 ppm	Day : 14	24	380	41	25

## MALE

Animal No.	Dose	Time In Study	5 Prime Nucleotidase IU per L	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0176_03	30 ppm	Day : 42	26	197	49	50
0176_03	30 ppm	Day : 70	33	161	50	16
0177_03	30 ppm	Day : 3	17	613	36	14
0177_03	30 ppm	Week : 13	15	119	44	7
0177_03	30 ppm	Day : 14	25	394	36	19
0177_03	30 ppm	Day : 42	31	219	134	45
0177_03	30 ppm	Day : 70	44	193	167	38
0178_03	30 ppm	Day : 3	14	553	28	8
0178_03	30 ppm	Week : 13	15	133	53	71
0178_03	30 ppm	Day : 14	23	324	49	20
0178_03	30 ppm	Day : 42	28	226	74	35
0178_03	30 ppm	Day : 70	32	196	66	18
0179_03	30 ppm	Day : 3	16	488	32	24
0179_03	30 ppm	Week : 13	18	130	54	12
0179_03	30 ppm	Day : 14	25	343	47	14
0179_03	30 ppm	Day : 42	23	204	74	8
0179_03	30 ppm	Day : 70	31	182	54	18
0180_03	30 ppm	Day : 3	16	563	29	15
0180_03	30 ppm	Week : 13	15	106	50	24
0180_03	30 ppm	Day : 14	24	361	43	25
0180_03	30 ppm	Day : 42	32	246	70	108
0180_03	30 ppm	Day : 70	47	165	106	44

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**MALE**


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Animal No.	Dose	Time In Study	5 Prime Nucleotidase IU per L	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0180_03	30 ppm	Day : 70	47	165	106	44
0181_03	60 ppm	Day : 3	13	452	35	10
0181_03	60 ppm	Day : 14	24	288	62	13
0181_03	60 ppm	Day : 42	33	127	115	75
0182_03	60 ppm	Day : 3	13	612	35	17
0182_03	60 ppm	Day : 14	25	277	68	44
0183_03	60 ppm	Day : 3	13	548	32	10
0183_03	60 ppm	Day : 14	24	220	68	23
0184_03	60 ppm	Day : 3	15	543	32	11
0184_03	60 ppm	Day : 14	28	376	85	48
0184_03	60 ppm	Day : 42		246		
0185_03	60 ppm	Day : 3	16	539	36	18
0185_03	60 ppm	Day : 14	20	287	64	14
0186_03	60 ppm	Day : 3		552	38	
0186_03	60 ppm	Day : 14	25	255	68	8
0187_03	60 ppm	Day : 3	14	500	30	9
0187_03	60 ppm	Day : 14	26	332	76	24
0188_03	60 ppm	Day : 3	14	547	31	14
0188_03	60 ppm	Day : 14	24	299	36	13
0189_03	60 ppm	Day : 3	15	497	31	26
0189_03	60 ppm	Day : 14	21	177	166	24
0190_03	60 ppm	Day : 3	13	572	37	9



Experiment Number: 05195-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:19:48

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	5 Prime Nucleotidase IU per L	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0190_03	60 ppm	Day : 14	25	339	67	21

Experiment Number: 05195-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:19:48

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	SDH IU per L
0001_03	0 ppm	Week : 13	24	0.6	5
0002_03	0 ppm	Week : 13	26	0.6	7
0003_03	0 ppm	Week : 13	24	0.6	6
0004_03	0 ppm	Week : 13	24	0.7	6
0005_03	0 ppm	Week : 13	24	0.6	9
0006_03	0 ppm	Week : 13	21	0.6	4
0007_03	0 ppm	Week : 13	30	0.6	7
0008_03	0 ppm	Week : 13	28	0.5	6
0009_03	0 ppm	Week : 13	30	0.6	7
0010_03	0 ppm	Week : 13	32	0.7	6
0011_03	3.75 ppm	Week : 13	26	0.6	7
0012_03	3.75 ppm	Week : 13	19	0.7	6
0013_03	3.75 ppm	Week : 13	25	0.6	6
0014_03	3.75 ppm	Week : 13	18	0.6	6
0015_03	3.75 ppm	Week : 13	20	0.7	6
0016_03	3.75 ppm	Week : 13	27	0.7	6
0017_03	3.75 ppm	Week : 13	28	0.6	5
0018_03	3.75 ppm	Week : 13	26	0.6	6
0019_03	3.75 ppm	Week : 13	27	0.6	5
0020_03	3.75 ppm	Week : 13	27	0.6	5
0021_03	7.5 ppm	Week : 13	20	0.7	5
0022_03	7.5 ppm	Week : 13	21	0.7	5

Experiment Number: 05195-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:19:48

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	SDH IU per L
0023_03	7.5 ppm	Week : 13	24	0.6	5
0024_03	7.5 ppm	Week : 13	21	0.6	5
0025_03	7.5 ppm	Week : 13	19	0.7	11
0026_03	7.5 ppm	Week : 13	28	0.6	4
0027_03	7.5 ppm	Week : 13	35	0.6	5
0028_03	7.5 ppm	Week : 13	32	0.7	4
0029_03	7.5 ppm	Week : 13	30	0.5	8
0030_03	7.5 ppm	Week : 13	32	0.6	5
0031_03	15 ppm	Week : 13	19	0.6	5
0032_03	15 ppm	Week : 13	24	0.7	4
0033_03	15 ppm	Week : 13	21	0.6	4
0034_03	15 ppm	Week : 13	23	0.6	5
0035_03	15 ppm	Week : 13	28	0.6	6
0036_03	15 ppm	Week : 13	36	0.6	6
0037_03	15 ppm	Week : 13	32	0.7	3
0038_03	15 ppm	Week : 13	27	0.6	4
0039_03	15 ppm	Week : 13	28	0.6	4
0040_03	15 ppm	Week : 13	32	0.6	5
0041_03	30 ppm	Week : 13	31	0.6	6
0042_03	30 ppm	Week : 13	24	0.6	5
0043_03	30 ppm	Week : 13	32	0.7	6
0044_03	30 ppm	Week : 13	28	0.7	4

Experiment Number: 05195-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:19:48

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	SDH IU per L
0045_03	30 ppm	Week : 13	18	0.6	4
0046_03	30 ppm	Week : 13	31	0.6	4
0047_03	30 ppm	Week : 13	30	0.6	5
0048_03	30 ppm	Week : 13	27	0.5	5
0049_03	30 ppm	Week : 13	26	0.5	14
0050_03	30 ppm	Week : 13	28	0.5	4
0051_03	60 ppm	Day : 42	53	0.6	11
0054_03	60 ppm	Day : 42	33	0.7	15
0055_03	60 ppm	Day : 42	28	0.5	
0131_03	0 ppm	Day : 3	20	0.5	5
0131_03	0 ppm	Week : 13	14	0.5	5
0131_03	0 ppm	Day : 14	26	0.5	4
0131_03	0 ppm	Day : 42	13	0.5	8
0131_03	0 ppm	Day : 70	19	0.5	6
0132_03	0 ppm	Day : 3	18	0.5	6
0132_03	0 ppm	Week : 13	20	0.3	5
0132_03	0 ppm	Day : 14	23	0.5	5
0132_03	0 ppm	Day : 42	12	0.6	6
0132_03	0 ppm	Day : 70	19	0.5	8
0133_03	0 ppm	Day : 3	20	0.6	5
0133_03	0 ppm	Week : 13	19	0.5	4
0133_03	0 ppm	Day : 14	19	0.4	9

Experiment Number: 05195-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:19:48

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	SDH IU per L
0133_03	0 ppm	Day : 42	13	0.6	7
0133_03	0 ppm	Day : 70	21	0.7	5
0134_03	0 ppm	Day : 3	18	0.5	5
0134_03	0 ppm	Week : 13	14	0.5	4
0134_03	0 ppm	Day : 14	22	0.4	4
0134_03	0 ppm	Day : 42	10	0.7	6
0134_03	0 ppm	Day : 70	16	0.6	7
0135_03	0 ppm	Day : 3	20	0.6	4
0135_03	0 ppm	Week : 13	16	0.5	5
0135_03	0 ppm	Day : 14	21	0.5	4
0135_03	0 ppm	Day : 42	10	0.5	6
0135_03	0 ppm	Day : 70	18	0.6	4
0136_03	0 ppm	Day : 3	20	0.5	4
0136_03	0 ppm	Week : 13	13	0.5	4
0136_03	0 ppm	Day : 14	19	0.4	5
0136_03	0 ppm	Day : 42	11	0.5	8
0136_03	0 ppm	Day : 70	18	0.6	6
0137_03	0 ppm	Day : 3	17	0.5	5
0137_03	0 ppm	Week : 13	14	0.5	4
0137_03	0 ppm	Day : 14	21	0.4	3
0137_03	0 ppm	Day : 42	14	0.6	6
0137_03	0 ppm	Day : 70	17	0.8	3

Experiment Number: 05195-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:19:48

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	SDH IU per L
0138_03	0 ppm	Day : 3	19	0.5	5
0138_03	0 ppm	Week : 13	15	0.5	4
0138_03	0 ppm	Day : 14	20	0.4	5
0138_03	0 ppm	Day : 42	10	0.5	6
0138_03	0 ppm	Day : 70	16	0.6	5
0139_03	0 ppm	Day : 3	19	0.6	6
0139_03	0 ppm	Week : 13	15	0.5	3
0139_03	0 ppm	Day : 14	19	0.5	4
0139_03	0 ppm	Day : 42	12	0.6	5
0139_03	0 ppm	Day : 70	14	0.5	7
0140_03	0 ppm	Day : 3	20	0.6	7
0140_03	0 ppm	Week : 13	13	0.5	4
0140_03	0 ppm	Day : 14	18	0.4	3
0140_03	0 ppm	Day : 42	14	0.6	5
0140_03	0 ppm	Day : 70	18	0.8	4
0141_03	3.75 ppm	Day : 3	17	0.6	4
0141_03	3.75 ppm	Week : 13	18	0.5	6
0141_03	3.75 ppm	Day : 14	18	0.4	8
0141_03	3.75 ppm	Day : 42	11	0.6	5
0141_03	3.75 ppm	Day : 70	19	0.5	7
0142_03	3.75 ppm	Day : 3	17	0.5	5
0142_03	3.75 ppm	Week : 13	15	0.6	5

Experiment Number: 05195-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:19:48

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	SDH IU per L
0142_03	3.75 ppm	Day : 14	17	0.4	7
0142_03	3.75 ppm	Day : 42	11	0.5	7
0142_03	3.75 ppm	Day : 70	19	0.6	7
0143_03	3.75 ppm	Day : 3	20	0.5	3
0143_03	3.75 ppm	Week : 13	16	0.5	4
0143_03	3.75 ppm	Day : 14	21	0.5	6
0143_03	3.75 ppm	Day : 42	13	0.6	4
0143_03	3.75 ppm	Day : 70	19	0.5	6
0144_03	3.75 ppm	Day : 3	20	0.7	4
0144_03	3.75 ppm	Week : 13	11	0.5	4
0144_03	3.75 ppm	Day : 14	21	0.4	4
0144_03	3.75 ppm	Day : 42	12	0.5	8
0144_03	3.75 ppm	Day : 70	17	0.5	7
0145_03	3.75 ppm	Day : 3	17	0.5	5
0145_03	3.75 ppm	Week : 13	14	0.5	4
0145_03	3.75 ppm	Day : 14	19	0.4	8
0145_03	3.75 ppm	Day : 42	10	0.6	6
0145_03	3.75 ppm	Day : 70	19	0.6	6
0146_03	3.75 ppm	Day : 3	18	0.5	4
0146_03	3.75 ppm	Week : 13	11	0.4	4
0146_03	3.75 ppm	Day : 14	17	0.4	4
0146_03	3.75 ppm	Day : 42	19	0.6	8

Experiment Number: 05195-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:19:48

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	SDH IU per L
0146_03	3.75 ppm	Day : 70	22	0.7	5
0147_03	3.75 ppm	Day : 3	15	0.5	3
0147_03	3.75 ppm	Week : 13	16	0.5	4
0147_03	3.75 ppm	Day : 14	19	0.4	7
0147_03	3.75 ppm	Day : 42	15	0.6	7
0147_03	3.75 ppm	Day : 70	21	0.6	6
0148_03	3.75 ppm	Day : 3	19	0.5	5
0148_03	3.75 ppm	Week : 13	14	0.6	3
0148_03	3.75 ppm	Day : 14	18	0.4	6
0148_03	3.75 ppm	Day : 42	13	0.5	7
0148_03	3.75 ppm	Day : 70	17	0.5	6
0149_03	3.75 ppm	Day : 3	22	0.6	5
0149_03	3.75 ppm	Week : 13	18	0.7	5
0149_03	3.75 ppm	Day : 14	19	0.3	4
0149_03	3.75 ppm	Day : 42	14	0.5	5
0149_03	3.75 ppm	Day : 70	20	0.5	9
0150_03	3.75 ppm	Day : 3	18	0.5	5
0150_03	3.75 ppm	Week : 13	13	0.7	3
0150_03	3.75 ppm	Day : 14	18	0.4	6
0150_03	3.75 ppm	Day : 42	11	0.6	8
0150_03	3.75 ppm	Day : 70	15	0.5	8
0151_03	7.5 ppm	Day : 3	19	0.5	4



Experiment Number: 05195-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:19:48

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	SDH IU per L
0151_03	7.5 ppm	Week : 13	11	0.5	3
0151_03	7.5 ppm	Day : 14	20	0.5	9
0151_03	7.5 ppm	Day : 42	14	0.5	7
0151_03	7.5 ppm	Day : 70	19	0.6	4
0152_03	7.5 ppm	Day : 3	19	0.5	4
0152_03	7.5 ppm	Week : 13	15	0.4	4
0152_03	7.5 ppm	Day : 14	17	0.5	6
0152_03	7.5 ppm	Day : 42	16	0.6	5
0152_03	7.5 ppm	Day : 70	21	0.6	6
0153_03	7.5 ppm	Day : 3	17	0.4	4
0153_03	7.5 ppm	Week : 13	16	0.5	4
0153_03	7.5 ppm	Day : 14	19	0.5	4
0153_03	7.5 ppm	Day : 42	13	0.5	6
0153_03	7.5 ppm	Day : 70	21	0.6	6
0154_03	7.5 ppm	Day : 3	20	0.5	4
0154_03	7.5 ppm	Week : 13	12	0.6	4
0154_03	7.5 ppm	Day : 14	15	0.4	6
0154_03	7.5 ppm	Day : 42	9	0.5	7
0154_03	7.5 ppm	Day : 70	19	0.6	6
0155_03	7.5 ppm	Day : 3	18	0.5	5
0155_03	7.5 ppm	Week : 13	15	0.5	3
0155_03	7.5 ppm	Day : 14	20	0.5	4

Experiment Number: 05195-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:19:48

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	SDH IU per L
0155_03	7.5 ppm	Day : 42	15	0.7	5
0155_03	7.5 ppm	Day : 70	21	0.5	7
0156_03	7.5 ppm	Day : 3	18	0.5	6
0156_03	7.5 ppm	Week : 13	16	0.5	4
0156_03	7.5 ppm	Day : 14	20	0.5	5
0156_03	7.5 ppm	Day : 42	16	0.5	7
0156_03	7.5 ppm	Day : 70	18	0.6	6
0157_03	7.5 ppm	Day : 3	18	0.6	3
0157_03	7.5 ppm	Week : 13	13	0.5	3
0157_03	7.5 ppm	Day : 14	17	0.3	7
0157_03	7.5 ppm	Day : 42	14	0.5	7
0157_03	7.5 ppm	Day : 70	21	0.7	5
0158_03	7.5 ppm	Day : 3	18	0.5	4
0158_03	7.5 ppm	Day : 14	19	0.5	5
0158_03	7.5 ppm	Day : 42	13	0.5	6
0158_03	7.5 ppm	Day : 70	19	0.5	8
0159_03	7.5 ppm	Day : 3	18	0.5	6
0159_03	7.5 ppm	Week : 13	15	0.6	5
0159_03	7.5 ppm	Day : 14	20	0.5	5
0159_03	7.5 ppm	Day : 42	15	0.5	8
0159_03	7.5 ppm	Day : 70	19	0.7	6
0160_03	7.5 ppm	Day : 3	17	0.5	5

Experiment Number: 05195-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:19:49

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	SDH IU per L
0160_03	7.5 ppm	Week : 13	12	0.5	4
0160_03	7.5 ppm	Day : 14	23	0.4	7
0160_03	7.5 ppm	Day : 42	15	0.5	8
0160_03	7.5 ppm	Day : 70	18	0.6	6
0161_03	15 ppm	Day : 3	17	0.5	4
0161_03	15 ppm	Week : 13	20	0.5	4
0161_03	15 ppm	Day : 14	19	0.5	4
0161_03	15 ppm	Day : 42	18	0.5	6
0161_03	15 ppm	Day : 70	23	0.6	9
0162_03	15 ppm	Day : 3	18	0.5	4
0162_03	15 ppm	Week : 13	18	0.5	4
0162_03	15 ppm	Day : 14			
0162_03	15 ppm	Day : 42	19	0.5	7
0162_03	15 ppm	Day : 70	20	0.6	4
0163_03	15 ppm	Day : 3	17	0.5	5
0163_03	15 ppm	Week : 13	21	0.5	4
0163_03	15 ppm	Day : 14	24	0.5	3
0163_03	15 ppm	Day : 42	16	0.6	5
0163_03	15 ppm	Day : 70	14	0.6	8
0164_03	15 ppm	Day : 3	17	0.5	5
0164_03	15 ppm	Week : 13	18	0.6	3
0164_03	15 ppm	Day : 14	22	0.4	6

Experiment Number: 05195-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:19:49

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	SDH IU per L
0164_03	15 ppm	Day : 42	14	0.6	6
0164_03	15 ppm	Day : 70	30	0.5	6
0165_03	15 ppm	Day : 3	18	0.5	5
0165_03	15 ppm	Week : 13	17	0.4	3
0165_03	15 ppm	Day : 14	23	0.5	10
0165_03	15 ppm	Day : 42	16	0.6	6
0165_03	15 ppm	Day : 70	23	0.8	3
0166_03	15 ppm	Day : 3	22	0.5	5
0166_03	15 ppm	Week : 13	15	0.5	4
0166_03	15 ppm	Day : 14	21	0.5	4
0166_03	15 ppm	Day : 42	11	0.5	9
0166_03	15 ppm	Day : 70	21	0.6	6
0167_03	15 ppm	Day : 3	19	0.6	3
0167_03	15 ppm	Week : 13	14	0.5	3
0167_03	15 ppm	Day : 14	24	0.5	3
0167_03	15 ppm	Day : 42	18	0.5	2
0167_03	15 ppm	Day : 70	21	0.5	6
0168_03	15 ppm	Day : 3	18	0.5	6
0168_03	15 ppm	Week : 13	15	0.5	4
0168_03	15 ppm	Day : 14	19	0.4	4
0168_03	15 ppm	Day : 42	15	0.7	5
0168_03	15 ppm	Day : 70	20	0.5	5

Experiment Number: 05195-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:19:49

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	SDH IU per L
0169_03	15 ppm	Day : 3	17	0.6	4
0169_03	15 ppm	Week : 13	18	0.6	4
0169_03	15 ppm	Day : 14	22	0.4	6
0169_03	15 ppm	Day : 42	18	0.6	5
0169_03	15 ppm	Day : 70	26	0.6	5
0170_03	15 ppm	Day : 3	20	0.5	5
0170_03	15 ppm	Week : 13	13	0.5	4
0170_03	15 ppm	Day : 14	21	0.4	6
0170_03	15 ppm	Day : 42	15	0.6	7
0170_03	15 ppm	Day : 70	20	0.5	6
0171_03	30 ppm	Day : 3	18	0.5	5
0171_03	30 ppm	Week : 13	21	0.5	3
0171_03	30 ppm	Day : 14	26	0.4	4
0171_03	30 ppm	Day : 42	23	0.6	6
0171_03	30 ppm	Day : 70	32	0.9	5
0172_03	30 ppm	Day : 3	18	0.5	3
0172_03	30 ppm	Week : 13	18	0.4	4
0172_03	30 ppm	Day : 14	27	0.5	7
0172_03	30 ppm	Day : 42	27	0.6	5
0172_03	30 ppm	Day : 70	23	0.5	6
0173_03	30 ppm	Day : 3	17	0.5	4
0173_03	30 ppm	Week : 13	25	0.5	4

Experiment Number: 05195-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:19:49

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	SDH IU per L
0173_03	30 ppm	Day : 14	26	0.5	4
0173_03	30 ppm	Day : 42	23	0.6	4
0173_03	30 ppm	Day : 70	29	0.5	5
0174_03	30 ppm	Day : 3	17	0.5	4
0174_03	30 ppm	Week : 13	23	0.5	4
0174_03	30 ppm	Day : 14	23	0.3	4
0174_03	30 ppm	Day : 42	19	0.6	3
0174_03	30 ppm	Day : 70	26	0.6	4
0175_03	30 ppm	Day : 3	18	0.5	3
0175_03	30 ppm	Week : 13	21	0.5	3
0175_03	30 ppm	Day : 14	25	0.4	7
0175_03	30 ppm	Day : 42	24	0.5	7
0175_03	30 ppm	Day : 70	26	0.6	5
0176_03	30 ppm	Day : 3	18	0.5	8
0176_03	30 ppm	Week : 13	23	0.5	3
0176_03	30 ppm	Day : 14	23	0.4	4
0176_03	30 ppm	Day : 42	18	0.5	5
0176_03	30 ppm	Day : 70	31	0.6	5
0177_03	30 ppm	Day : 3	18	0.5	4
0177_03	30 ppm	Week : 13	21	0.6	4
0177_03	30 ppm	Day : 14	26	0.4	4
0177_03	30 ppm	Day : 42	24	0.6	18

Experiment Number: 05195-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:19:49

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	SDH IU per L
0177_03	30 ppm	Day : 70	29	0.6	17
0178_03	30 ppm	Day : 3	15	0.5	3
0178_03	30 ppm	Week : 13	30	0.5	4
0178_03	30 ppm	Day : 14	29	0.4	5
0178_03	30 ppm	Day : 42	33	0.6	7
0178_03	30 ppm	Day : 70	32	0.5	6
0179_03	30 ppm	Day : 3	19	0.5	4
0179_03	30 ppm	Week : 13	29	0.4	4
0179_03	30 ppm	Day : 14	27	0.4	8
0179_03	30 ppm	Day : 42	27	0.5	6
0179_03	30 ppm	Day : 70	37	0.5	9
0180_03	30 ppm	Day : 3	17	0.5	4
0180_03	30 ppm	Week : 13	20	0.5	4
0180_03	30 ppm	Day : 14	28	0.4	7
0180_03	30 ppm	Day : 42	29	0.6	9
0180_03	30 ppm	Day : 70	28	0.5	12
0181_03	60 ppm	Day : 3	16	0.4	5
0181_03	60 ppm	Day : 14	27	0.4	4
0181_03	60 ppm	Day : 42	44	0.6	7
0182_03	60 ppm	Day : 3	16	0.4	4
0182_03	60 ppm	Day : 14	28	0.4	5
0183_03	60 ppm	Day : 3	14	0.5	5

Experiment Number: 05195-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:19:49

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	SDH IU per L
0183_03	60 ppm	Day : 14	28	0.4	8
0184_03	60 ppm	Day : 3	14	0.5	3
0184_03	60 ppm	Day : 14	38	0.4	4
0184_03	60 ppm	Day : 42	69	0.5	
0185_03	60 ppm	Day : 3	17	0.6	3
0185_03	60 ppm	Day : 14	45	0.5	6
0186_03	60 ppm	Day : 3	20	0.6	
0186_03	60 ppm	Day : 14	36	0.5	4
0187_03	60 ppm	Day : 3	17	0.5	5
0187_03	60 ppm	Day : 14	35	0.3	4
0188_03	60 ppm	Day : 3	14	0.5	3
0188_03	60 ppm	Day : 14	33	0.3	3
0189_03	60 ppm	Day : 3	16	0.4	5
0189_03	60 ppm	Day : 14	33	0.4	20
0190_03	60 ppm	Day : 3	17	0.5	4
0190_03	60 ppm	Day : 14	26	0.4	4



## FEMALE

Animal No.	Dose	Time In Study	5 Prime Nucleotidase IU per L	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0066_03	0 ppm	Week : 13	33	210	40	39
0067_03	0 ppm	Week : 13	30	210	38	12
0068_03	0 ppm	Week : 13	36	282	43	76
0069_03	0 ppm	Week : 13	37	241	40	24
0070_03	0 ppm	Week : 13	36	239	41	15
0071_03	0 ppm	Week : 13	24	185	44	66
0072_03	0 ppm	Week : 13	25	201	38	20
0073_03	0 ppm	Week : 13	27	199	39	25
0074_03	0 ppm	Week : 13	24	204	39	51
0075_03	0 ppm	Week : 13	25	221	40	18
0076_03	3.75 ppm	Week : 13	32	233	45	7
0077_03	3.75 ppm	Week : 13	47	223	48	9
0078_03	3.75 ppm	Week : 13	37	220	47	37
0079_03	3.75 ppm	Week : 13	29	205	41	23
0080_03	3.75 ppm	Week : 13	40	240	43	63
0081_03	3.75 ppm	Week : 13	27	251	44	12
0082_03	3.75 ppm	Week : 13	41	240	42	34
0083_03	3.75 ppm	Week : 13	30	233	43	13
0084_03	3.75 ppm	Week : 13	50	278	48	20
0085_03	3.75 ppm	Week : 13	39	201	43	28
0086_03	7.5 ppm	Week : 13	28	205	33	16
0087_03	7.5 ppm	Week : 13	28	191	35	40

## FEMALE

Animal No.	Dose	Time In Study	5 Prime Nucleotidase IU per L	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0088_03	7.5 ppm	Week : 13	29	211	35	37
0089_03	7.5 ppm	Week : 13	36	203	40	34
0090_03	7.5 ppm	Week : 13	40	204	33	8
0091_03	7.5 ppm	Week : 13	45	292	49	15
0092_03	7.5 ppm	Week : 13	24	259	45	18
0093_03	7.5 ppm	Week : 13	30	238	39	20
0094_03	7.5 ppm	Week : 13	29	265	42	11
0095_03	7.5 ppm	Week : 13	32	227	49	19
0096_03	15 ppm	Week : 13	28	279	44	10
0097_03	15 ppm	Week : 13	47	266	63	37
0098_03	15 ppm	Week : 13	23	220	37	14
0099_03	15 ppm	Week : 13	25	215	34	12
0100_03	15 ppm	Week : 13	29	268	43	15
0101_03	15 ppm	Week : 13	29	251	68	27
0102_03	15 ppm	Week : 13	26	189	50	39
0103_03	15 ppm	Week : 13	36	256	57	40
0104_03	15 ppm	Week : 13	35	238	62	16
0105_03	15 ppm	Week : 13	29	252	58	23
0106_03	30 ppm	Week : 13	31	274	55	16
0107_03	30 ppm	Week : 13	24	198	57	23
0108_03	30 ppm	Week : 13	35	280	93	35
0109_03	30 ppm	Week : 13	27	272	95	16

Experiment Number: 05195-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:19:49

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	5 Prime Nucleotidase IU per L	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0109_03	30 ppm	Week : 13	27	272	95	16
0110_03	30 ppm	Week : 13	47	268	104	77
0111_03	30 ppm	Week : 13	24	222	98	26
0112_03	30 ppm	Week : 13	29	214	93	22
0113_03	30 ppm	Week : 13	26	226	123	17
0114_03	30 ppm	Week : 13	29	234	60	47
0115_03	30 ppm	Week : 13	26	240	102	23

Experiment Number: 05195-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:19:49

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	SDH IU per L
0066_03	0 ppm	Week : 13	26	0.6	2
0067_03	0 ppm	Week : 13	25	0.6	6
0068_03	0 ppm	Week : 13	31	0.7	9
0069_03	0 ppm	Week : 13	27	0.6	9
0070_03	0 ppm	Week : 13	27	0.6	9
0071_03	0 ppm	Week : 13	25	0.5	4
0072_03	0 ppm	Week : 13	25	0.6	4
0073_03	0 ppm	Week : 13	25	0.6	4
0074_03	0 ppm	Week : 13	25	0.6	4
0075_03	0 ppm	Week : 13	25	0.5	4
0076_03	3.75 ppm	Week : 13	25	0.6	7
0077_03	3.75 ppm	Week : 13	22	0.7	8
0078_03	3.75 ppm	Week : 13	22	0.7	12
0079_03	3.75 ppm	Week : 13	26	0.6	8
0080_03	3.75 ppm	Week : 13	29	0.8	7
0081_03	3.75 ppm	Week : 13	26	0.5	4
0082_03	3.75 ppm	Week : 13	24	0.8	2
0083_03	3.75 ppm	Week : 13	23	0.6	4
0084_03	3.75 ppm	Week : 13	28	0.6	3
0085_03	3.75 ppm	Week : 13	25	0.7	2
0086_03	7.5 ppm	Week : 13	24	0.7	9
0087_03	7.5 ppm	Week : 13	27	0.6	10

Experiment Number: 05195-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:19:49

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	SDH IU per L
0088_03	7.5 ppm	Week : 13	25	0.7	8
0089_03	7.5 ppm	Week : 13	25	0.7	8
0090_03	7.5 ppm	Week : 13	21	0.6	8
0091_03	7.5 ppm	Week : 13	31	0.7	6
0092_03	7.5 ppm	Week : 13	29	0.5	4
0093_03	7.5 ppm	Week : 13	31	0.6	4
0094_03	7.5 ppm	Week : 13	30	0.5	4
0095_03	7.5 ppm	Week : 13	33	0.5	5
0096_03	15 ppm	Week : 13	24	0.6	7
0097_03	15 ppm	Week : 13	31	0.8	7
0098_03	15 ppm	Week : 13	24	0.5	6
0099_03	15 ppm	Week : 13	22	0.6	7
0100_03	15 ppm	Week : 13	28	0.6	8
0101_03	15 ppm	Week : 13	29	0.5	4
0102_03	15 ppm	Week : 13	29	0.5	6
0103_03	15 ppm	Week : 13	30	0.5	3
0104_03	15 ppm	Week : 13	27	0.7	3
0105_03	15 ppm	Week : 13	25	0.5	4
0106_03	30 ppm	Week : 13	33	0.6	6
0107_03	30 ppm	Week : 13	24	0.5	6
0108_03	30 ppm	Week : 13	27	0.5	9
0109_03	30 ppm	Week : 13	26	0.5	8

Experiment Number: 05195-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:19:49

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	Creatinine U per L	SDH IU per L
0110_03	30 ppm	Week : 13	35	0.6	8
0111_03	30 ppm	Week : 13	32	0.5	6
0112_03	30 ppm	Week : 13	29	0.5	3
0113_03	30 ppm	Week : 13	28	0.5	6
0114_03	30 ppm	Week : 13	24	0.5	4
0115_03	30 ppm	Week : 13	30	0.5	5

\*\* END OF REPORT \*\*