

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:07

First Dose M/F: NA / NA

Lab: NA

C Number: C61427

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:07

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 mg/m3	Week : 13	3.4	293	72	13.6
0002_03	0 mg/m3	Week : 13	3.2	340	75	19.9
0003_03	0 mg/m3	Week : 13	3.3	308	352	43.9
0004_03	0 mg/m3	Week : 13	3.3	309	169	19
0005_03	0 mg/m3	Week : 13	3.4	415	67	14.7
0006_03	0 mg/m3	Week : 13	3.3	331	56	10.5
0007_03	0 mg/m3	Week : 13	3.3	389	81	14.9
0008_03	0 mg/m3	Week : 13	3.4	374	80	11.9
0009_03	0 mg/m3	Week : 13	3.4	331	50	12.3
0010_03	0 mg/m3	Week : 13	3.2	299	287	58.4
0021_03	1 mg/m3	Week : 13	3.1	323	72	11.7
0022_03	1 mg/m3	Week : 13	3.2	304	145	21
0023_03	1 mg/m3	Week : 13	3.4	347	58	12.4
0024_03	1 mg/m3	Week : 13	3.2	339	183	14.8
0025_03	1 mg/m3	Week : 13	3.2	286	94	14.2
0026_03	1 mg/m3	Week : 13	3.4	323	133	14.1
0027_03	1 mg/m3	Week : 13	3.4	317	57	12
0028_03	1 mg/m3	Week : 13	3.3	310	79	20.1
0029_03	1 mg/m3	Week : 13	3.3	309	71	9.4
0030_03	1 mg/m3	Week : 13	3.1	316	124	21.5
0041_03	2 mg/m3	Week : 13	3.4	308	46	10.4
0042_03	2 mg/m3	Week : 13	3.1	331	90	12.3

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:07

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
0043_03	2 mg/m3	Week : 13	3.4	325	72	11.4
0044_03	2 mg/m3	Week : 13	3.5	330	166	21.6
0045_03	2 mg/m3	Week : 13	3.3	327	116	22.8
0046_03	2 mg/m3	Week : 13	3.4	323	117	10.6
0047_03	2 mg/m3	Week : 13	3.3	330	89	17.1
0048_03	2 mg/m3	Week : 13	3.5	307	78	12.1
0049_03	2 mg/m3	Week : 13	3.2	320	261	17.7
0050_03	2 mg/m3	Week : 13	3.3	348	122	14.1
0061_03	4 mg/m3	Week : 13	3.5	382	71	11.3
0062_03	4 mg/m3	Week : 13	3.3	324	127	15.8
0063_03	4 mg/m3	Week : 13	3.3	378	60	27.6
0064_03	4 mg/m3	Week : 13	3.5	297	192	14.5
0065_03	4 mg/m3	Week : 13	3.4	429	58	13.4
0066_03	4 mg/m3	Week : 13	3.4	331	75	31.1
0067_03	4 mg/m3	Week : 13	3.3	288	49	9.9
0068_03	4 mg/m3	Week : 13	3.4	338	84	14.7
0069_03	4 mg/m3	Week : 13	3.3	350	98	26.2
0070_03	4 mg/m3	Week : 13	3.5	293	49	21.3
0081_03	8 mg/m3	Week : 13	3.2	292	83	15.4
0082_03	8 mg/m3	Week : 13	3.6	319	84	12.4
0083_03	8 mg/m3	Week : 13	3.1	324	120	12.8
0084_03	8 mg/m3	Week : 13	3.3	310	125	15.6

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
0084_03	8 mg/m3	Week : 13	3.3	310	125	15.6
0085_03	8 mg/m3	Week : 13	3.3	286	166	22.3
0086_03	8 mg/m3	Week : 13	3.2	319	45	10.2
0087_03	8 mg/m3	Week : 13	3.4	313	96	12.6
0088_03	8 mg/m3	Week : 13	3.2	301	54	16.5
0089_03	8 mg/m3	Week : 13	3.3	395	59	13.2
0090_03	8 mg/m3	Week : 13	3.2	345	61	13.6
0102_03	16 mg/m3	Week : 13	2.5		87	57.4
0106_03	16 mg/m3	Week : 13	3	276	303	31.5
0110_03	16 mg/m3	Week : 13	3.1	261	210	27.9
0121_03	0 mg/m3	Day : 4	3.2	1022	50	17.6
0121_03	0 mg/m3	Day : 23	3.5	696	37	5.8
0122_03	0 mg/m3	Day : 4	3.3	1007	43	25.2
0123_03	0 mg/m3	Day : 4	3.3	957	41	14.8
0123_03	0 mg/m3	Day : 23	3.8	814	43	7.9
0124_03	0 mg/m3	Day : 4	3.3	946	37	17.8
0124_03	0 mg/m3	Day : 23	3.5	708	37	8.3
0125_03	0 mg/m3	Day : 4	3.1	858	41	18
0125_03	0 mg/m3	Day : 23	3.4	625	32	12.4
0126_03	0 mg/m3	Day : 4	2.8	804	31	12.8
0126_03	0 mg/m3	Day : 23	3.9	718	36	6.9
0127_03	0 mg/m3	Day : 4	3	787	37	15.7

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
0127_03	0 mg/m3	Day : 23	3.2	617	37	6.2
0128_03	0 mg/m3	Day : 4	2.9	687	31	14.4
0128_03	0 mg/m3	Day : 23	3.3	679	38	8.4
0129_03	0 mg/m3	Day : 4	3	892	39	18.6
0129_03	0 mg/m3	Day : 23	3.8	719	40	7.3
0130_03	0 mg/m3	Day : 4	2.9	752	30	17.9
0130_03	0 mg/m3	Day : 23	3.4	569	33	7.9
0141_03	1 mg/m3	Day : 4	3.1	868	34	13.9
0141_03	1 mg/m3	Day : 23	3.1	566	46	9.4
0142_03	1 mg/m3	Day : 4	3.2	775	32	14.3
0142_03	1 mg/m3	Day : 23	3.3	579	43	7
0143_03	1 mg/m3	Day : 4	3.1	1007	43	12.7
0143_03	1 mg/m3	Day : 23	3.2	698	42	10.2
0144_03	1 mg/m3	Day : 4	3.2	1035	40	15
0144_03	1 mg/m3	Day : 23	3.1	786	34	9.6
0145_03	1 mg/m3	Day : 4	3.4	1112	51	18.9
0145_03	1 mg/m3	Day : 23	3.2	752	44	8.6
0146_03	1 mg/m3	Day : 4	3.1	888	40	17
0146_03	1 mg/m3	Day : 23	3.1	596	32	8.7
0147_03	1 mg/m3	Day : 4	3.1	810	36	14.7
0147_03	1 mg/m3	Day : 23	3.3	619	43	16.8
0148_03	1 mg/m3	Day : 4	3.1	705	35	12.8

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
0148_03	1 mg/m3	Day : 4	3.1	705	35	12.8
0148_03	1 mg/m3	Day : 23	3.3	651	36	13.3
0149_03	1 mg/m3	Day : 4	3	902	37	15.8
0149_03	1 mg/m3	Day : 23	3.2	679	36	10.2
0150_03	1 mg/m3	Day : 4	3.2	1077	47	17.4
0150_03	1 mg/m3	Day : 23	3.2	670	37	13.2
0161_03	2 mg/m3	Day : 4	3.1	838	34	13.9
0161_03	2 mg/m3	Day : 23	3.1	636	36	9.7
0162_03	2 mg/m3	Day : 4	3.5	1068	53	29.4
0163_03	2 mg/m3	Day : 4	3.3	1080	52	13.4
0163_03	2 mg/m3	Day : 23	3.3	723	40	13
0164_03	2 mg/m3	Day : 4	3	964	49	14.3
0164_03	2 mg/m3	Day : 23	2.9	643	37	8.6
0165_03	2 mg/m3	Day : 4	3	896	39	12.9
0165_03	2 mg/m3	Day : 23	3.1	711	46	13
0166_03	2 mg/m3	Day : 4	3	808	42	14.6
0166_03	2 mg/m3	Day : 23	3.2	654	44	10
0167_03	2 mg/m3	Day : 4	3.4	1009	48	13.6
0167_03	2 mg/m3	Day : 23	3.2	685	34	14.7
0168_03	2 mg/m3	Day : 4	3.1	891	45	16.5
0168_03	2 mg/m3	Day : 23	3.2	637	37	13.3
0169_03	2 mg/m3	Day : 4	3.1	777	47	19.9

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
0169_03	2 mg/m3	Day : 23	3.3	586	37	12.5
0170_03	2 mg/m3	Day : 4	3.3	801	42	15.8
0170_03	2 mg/m3	Day : 23	3.4	622	39	9.5
0181_03	4 mg/m3	Day : 4	3.2	930	52	28.2
0181_03	4 mg/m3	Day : 23	3.3	658	39	10.8
0182_03	4 mg/m3	Day : 4	3.2	774	43	13.9
0182_03	4 mg/m3	Day : 23	3.2	547	40	11.2
0183_03	4 mg/m3	Day : 4	3.1	971	50	12.8
0183_03	4 mg/m3	Day : 23	3.7	656	38	10.6
0184_03	4 mg/m3	Day : 4	3.3	859	48	17.9
0184_03	4 mg/m3	Day : 23	3.3	522	32	9.9
0185_03	4 mg/m3	Day : 4	3.1	942	57	18.3
0185_03	4 mg/m3	Day : 23	3	633	41	14.7
0186_03	4 mg/m3	Day : 4	3.2	855	55	15.2
0186_03	4 mg/m3	Day : 23	3	566	49	14.8
0187_03	4 mg/m3	Day : 4	3.2	838	43	14
0187_03	4 mg/m3	Day : 23	3.1	573	32	17.9
0188_03	4 mg/m3	Day : 4	3	924	40	13.1
0188_03	4 mg/m3	Day : 23	3.3	620	31	6
0189_03	4 mg/m3	Day : 4	3.3	908	47	15.9
0189_03	4 mg/m3	Day : 23	3.2	588	34	7.8
0190_03	4 mg/m3	Day : 4	3.2	852	44	19.7

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
0190_03	4 mg/m3	Day : 4	3.2	852	44	19.7
0190_03	4 mg/m3	Day : 23	3.2	595	31	10.4
0201_03	8 mg/m3	Day : 4	3	784	45	20
0201_03	8 mg/m3	Day : 23	3.2	606	54	11.7
0202_03	8 mg/m3	Day : 4	3.1	788	47	12
0202_03	8 mg/m3	Day : 23	3.2	565	54	12.6
0203_03	8 mg/m3	Day : 4	3	879	69	13.4
0203_03	8 mg/m3	Day : 23	3.1	631	44	11.9
0204_03	8 mg/m3	Day : 4	3	716	43	22.2
0204_03	8 mg/m3	Day : 23	3.4	582	38	15.2
0205_03	8 mg/m3	Day : 4	3	826	53	12.5
0205_03	8 mg/m3	Day : 23	3.1	565	40	18.2
0206_03	8 mg/m3	Day : 4	2.8	788	40	17.8
0206_03	8 mg/m3	Day : 23	3.1	578	30	10.6
0207_03	8 mg/m3	Day : 4	3.1	835	38	11.9
0207_03	8 mg/m3	Day : 23	3.1	544	59	7.9
0208_03	8 mg/m3	Day : 4	3	954	51	17.2
0208_03	8 mg/m3	Day : 23	3.3	603	52	12.3
0209_03	8 mg/m3	Day : 4	3.1	722	41	9.7
0209_03	8 mg/m3	Day : 23	3.2	543	41	13
0210_03	8 mg/m3	Day : 4	3.2	913	45	12.8
0210_03	8 mg/m3	Day : 23	3.2	537	44	14.3

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:08

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
0221_03	16 mg/m3	Day : 4	2.8	622	56	14.6
0221_03	16 mg/m3	Day : 23	3	464	53	30.1
0222_03	16 mg/m3	Day : 4	2.8	674	52	11
0222_03	16 mg/m3	Day : 23	2.9	476	56	11.9
0223_03	16 mg/m3	Day : 4	2.9	655	62	18.1
0223_03	16 mg/m3	Day : 23	3.1	445	49	11.6
0224_03	16 mg/m3	Day : 4	3.1	670	66	12.1
0224_03	16 mg/m3	Day : 23	3.1	503	52	11.6
0225_03	16 mg/m3	Day : 4	3.1	625	67	16.9
0225_03	16 mg/m3	Day : 23	3	419	55	12
0226_03	16 mg/m3	Day : 4	3	515	57	15.4
0226_03	16 mg/m3	Day : 23	2.9	505	51	15.1
0227_03	16 mg/m3	Day : 4	2.9	646	52	19.4
0227_03	16 mg/m3	Day : 23	3.3	475	52	52.5
0228_03	16 mg/m3	Day : 4	3	554	72	12.7
0228_03	16 mg/m3	Day : 23	3.4	399	72	9.2
0229_03	16 mg/m3	Day : 4	3	641	62	13.7
0229_03	16 mg/m3	Day : 23	3.4	537	70	26.3
0230_03	16 mg/m3	Day : 4	2.8	686	60	10.3
0230_03	16 mg/m3	Day : 23	3.2	455	50	10.5

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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
0001_03	0 mg/m3	Week : 13	20.7	161	0.56	7.5
0002_03	0 mg/m3	Week : 13	21.8	797	0.55	7.2
0003_03	0 mg/m3	Week : 13	23.6	175	0.68	7.3
0004_03	0 mg/m3	Week : 13	20.5	83	0.54	7.2
0005_03	0 mg/m3	Week : 13	22.6	124	0.61	7.5
0006_03	0 mg/m3	Week : 13	24	148	0.62	7
0007_03	0 mg/m3	Week : 13	22.2	82	0.65	7.3
0008_03	0 mg/m3	Week : 13	25	104	0.63	7.4
0009_03	0 mg/m3	Week : 13	22.1	109	0.64	7.2
0010_03	0 mg/m3	Week : 13	23.1	252	0.75	6.9
0021_03	1 mg/m3	Week : 13	21.3	140	0.63	7.1
0022_03	1 mg/m3	Week : 13	21	109	0.69	6.8
0023_03	1 mg/m3	Week : 13	21	153	0.68	7.3
0024_03	1 mg/m3	Week : 13	19.6	210	0.58	7.1
0025_03	1 mg/m3	Week : 13	22	121	0.68	7
0026_03	1 mg/m3	Week : 13	22	80	0.59	7.3
0027_03	1 mg/m3	Week : 13	20.2	150	0.6	7.2
0028_03	1 mg/m3	Week : 13	21.3	116	0.56	7
0029_03	1 mg/m3	Week : 13	20.1	82	0.59	7.1
0030_03	1 mg/m3	Week : 13	21.3	173	0.71	7
0041_03	2 mg/m3	Week : 13	23.4	112	0.59	7.2
0042_03	2 mg/m3	Week : 13	22.8	80	0.59	7

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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
0043_03	2 mg/m3	Week : 13	20.5	90	0.56	7.1
0044_03	2 mg/m3	Week : 13	22.1	65	0.6	7.2
0045_03	2 mg/m3	Week : 13	24.3	90	0.69	7.1
0046_03	2 mg/m3	Week : 13	20.7	71	0.62	7.1
0047_03	2 mg/m3	Week : 13	21.5	178	0.71	7.1
0048_03	2 mg/m3	Week : 13	21.5	79	0.61	7.5
0049_03	2 mg/m3	Week : 13	22.6	500	0.64	6.9
0050_03	2 mg/m3	Week : 13	24.1	272	0.65	7.2
0061_03	4 mg/m3	Week : 13	21	87	0.63	7.3
0062_03	4 mg/m3	Week : 13	22	101	0.62	6.9
0063_03	4 mg/m3	Week : 13	22.7	150	0.69	7.2
0064_03	4 mg/m3	Week : 13	21.5	174	0.65	7.3
0065_03	4 mg/m3	Week : 13	24	97	0.63	7.2
0066_03	4 mg/m3	Week : 13	21.9	347	0.66	7.3
0067_03	4 mg/m3	Week : 13	22.2	110	0.59	7.3
0068_03	4 mg/m3	Week : 13	24	102	0.78	7.2
0069_03	4 mg/m3	Week : 13	23.5	161	0.64	7.3
0070_03	4 mg/m3	Week : 13	21.4	82	0.53	7.4
0081_03	8 mg/m3	Week : 13	22.1	223	0.57	7
0082_03	8 mg/m3	Week : 13	23.2	115	0.57	7.7
0083_03	8 mg/m3	Week : 13	24.5	223	0.62	6.8
0084_03	8 mg/m3	Week : 13	19.9	116	0.57	7

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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
0085_03	8 mg/m3	Week : 13	21.4	145	0.72	7.2
0086_03	8 mg/m3	Week : 13	21.7	148	0.6	7
0087_03	8 mg/m3	Week : 13	21.1	98	0.56	7
0088_03	8 mg/m3	Week : 13	22	103	0.74	7.1
0089_03	8 mg/m3	Week : 13	22.2	77	0.54	7.1
0090_03	8 mg/m3	Week : 13	23.8	370	0.66	6.9
0102_03	16 mg/m3	Week : 13	87.7	172	0.63	5.4
0106_03	16 mg/m3	Week : 13	29.9	442	0.48	6.3
0110_03	16 mg/m3	Week : 13	30.4	312	0.48	6.5
0121_03	0 mg/m3	Day : 4	22.9	997	0.63	6.2
0121_03	0 mg/m3	Day : 23	26.6	249	0.62	6.4
0122_03	0 mg/m3	Day : 4	20.7	159	0.64	6.5
0123_03	0 mg/m3	Day : 4	20.8	589	0.59	6.4
0123_03	0 mg/m3	Day : 23	25.2	491	0.65	7.6
0124_03	0 mg/m3	Day : 4	24.3	289	0.6	6.7
0124_03	0 mg/m3	Day : 23	25.5	185	0.71	6.6
0125_03	0 mg/m3	Day : 4	20.6	187	0.59	6.1
0125_03	0 mg/m3	Day : 23	21	164	0.62	6.8
0126_03	0 mg/m3	Day : 4	22.5	274	0.6	5.8
0126_03	0 mg/m3	Day : 23	25.1	277	0.57	7.1
0127_03	0 mg/m3	Day : 4	20.6	826	0.59	6
0127_03	0 mg/m3	Day : 23	23.4	270	0.5	6.3

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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
0128_03	0 mg/m3	Day : 4	23	226	0.64	5.8
0128_03	0 mg/m3	Day : 23	29.2	200	0.77	6.8
0129_03	0 mg/m3	Day : 4	23.9	204	0.68	5.9
0129_03	0 mg/m3	Day : 23	24.7	145	0.76	7.3
0130_03	0 mg/m3	Day : 4	24	197	0.48	5.8
0130_03	0 mg/m3	Day : 23	25.9	352	0.67	6.6
0141_03	1 mg/m3	Day : 4	20.9	183	0.65	6.2
0141_03	1 mg/m3	Day : 23	24.5	139	0.59	6.5
0142_03	1 mg/m3	Day : 4	20.1	309	0.61	6.3
0142_03	1 mg/m3	Day : 23	22.9	299	0.75	6.6
0143_03	1 mg/m3	Day : 4	20.5	385	0.51	6
0143_03	1 mg/m3	Day : 23	23.6	271	0.83	6.3
0144_03	1 mg/m3	Day : 4	22.6	220	0.57	6.5
0144_03	1 mg/m3	Day : 23	25.1	223	0.57	6.3
0145_03	1 mg/m3	Day : 4	21.4	505	0.55	6.8
0145_03	1 mg/m3	Day : 23	23.1	222	0.65	6.6
0146_03	1 mg/m3	Day : 4	19.8	481	0.56	6.3
0146_03	1 mg/m3	Day : 23	22.4	130	0.56	6.5
0147_03	1 mg/m3	Day : 4	22.2	169	0.49	6.4
0147_03	1 mg/m3	Day : 23	25.7	211	0.57	6.8
0148_03	1 mg/m3	Day : 4	20.6	271	0.49	6
0148_03	1 mg/m3	Day : 23	23.9	146	0.61	7

Experiment Number: 61427-03

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 01:54:08

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
0149_03	1 mg/m3	Day : 4	24.1	170	0.65	6.1
0149_03	1 mg/m3	Day : 23	25.9	181	0.55	6.5
0150_03	1 mg/m3	Day : 4	20.6	166	0.58	6.5
0150_03	1 mg/m3	Day : 23	21.9	237	0.58	6.5
0161_03	2 mg/m3	Day : 4	21.8	193	0.48	6.3
0161_03	2 mg/m3	Day : 23	26	158	0.64	6.5
0162_03	2 mg/m3	Day : 4	19.3	373	0.64	6.7
0163_03	2 mg/m3	Day : 4	25.8	227	0.63	6.5
0163_03	2 mg/m3	Day : 23	26.7	123	0.64	6.5
0164_03	2 mg/m3	Day : 4	24.3	234	0.56	6.1
0164_03	2 mg/m3	Day : 23	24.2	176	0.64	6.2
0165_03	2 mg/m3	Day : 4	27	182	0.57	5.9
0165_03	2 mg/m3	Day : 23	28.8	164	0.59	6.5
0166_03	2 mg/m3	Day : 4	22.1	358	0.5	6.2
0166_03	2 mg/m3	Day : 23	22.5	110	0.58	6.4
0167_03	2 mg/m3	Day : 4	23.3	207	0.63	6.7
0167_03	2 mg/m3	Day : 23	22.8	153	0.63	6.6
0168_03	2 mg/m3	Day : 4	22.4	370	0.55	6.2
0168_03	2 mg/m3	Day : 23	24.9	172	0.65	6.5
0169_03	2 mg/m3	Day : 4	22.8	188	0.68	6
0169_03	2 mg/m3	Day : 23	25.4	503	0.58	6.4
0170_03	2 mg/m3	Day : 4	20.3	192	0.63	6.8

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:08

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
0170_03	2 mg/m3	Day : 23	22.4	177	0.59	6.9
0181_03	4 mg/m3	Day : 4	23.2	359	0.69	6.2
0181_03	4 mg/m3	Day : 23	24.7	154	0.63	6.9
0182_03	4 mg/m3	Day : 4	24.3	184	0.52	6.2
0182_03	4 mg/m3	Day : 23	23.1	261	0.53	6.6
0183_03	4 mg/m3	Day : 4	21.6	502	0.5	6.2
0183_03	4 mg/m3	Day : 23	25.7	134	0.68	6.6
0184_03	4 mg/m3	Day : 4	20.8	663	0.57	6.3
0184_03	4 mg/m3	Day : 23	21.1	93	0.57	6.3
0185_03	4 mg/m3	Day : 4	21.3	262	0.55	6.1
0185_03	4 mg/m3	Day : 23	21.1	165	0.46	6.3
0186_03	4 mg/m3	Day : 4	24	313	0.58	6.1
0186_03	4 mg/m3	Day : 23	24.3	209	0.58	6.3
0187_03	4 mg/m3	Day : 4	20.5	147	0.56	6.2
0187_03	4 mg/m3	Day : 23	24.6	312	0.74	6.5
0188_03	4 mg/m3	Day : 4	23.1	254	0.55	5.9
0188_03	4 mg/m3	Day : 23	21.2	252	0.54	6.1
0189_03	4 mg/m3	Day : 4	22.1	590	0.49	6.6
0189_03	4 mg/m3	Day : 23	22.9	284	0.65	6.5
0190_03	4 mg/m3	Day : 4	22.11	243	0.61	6.1
0190_03	4 mg/m3	Day : 23	23	104	0.6	6.3
0201_03	8 mg/m3	Day : 4	19.2	181	0.58	5.8

Experiment Number: 61427-03

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 01:54:08

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
0201_03	8 mg/m3	Day : 23	21	191	0.45	6.7
0202_03	8 mg/m3	Day : 4	21.3	270	0.58	6
0202_03	8 mg/m3	Day : 23	22.5	194	0.59	6.3
0203_03	8 mg/m3	Day : 4	23.7	476	0.52	6
0203_03	8 mg/m3	Day : 23	23.9	233	0.63	6.5
0204_03	8 mg/m3	Day : 4	19.6	240	0.63	5.7
0204_03	8 mg/m3	Day : 23	19	111	0.58	6.6
0205_03	8 mg/m3	Day : 4	25	264	0.61	6.1
0205_03	8 mg/m3	Day : 23	21.4	256	0.54	6.3
0206_03	8 mg/m3	Day : 4	25	557	0.57	5.7
0206_03	8 mg/m3	Day : 23	25.8	154	0.59	6.4
0207_03	8 mg/m3	Day : 4	22.8	175	0.63	6.2
0207_03	8 mg/m3	Day : 23	24.7	161	0.51	6.6
0208_03	8 mg/m3	Day : 4	21.7	250	0.67	6
0208_03	8 mg/m3	Day : 23	21.4	252	0.6	6.5
0209_03	8 mg/m3	Day : 4	20.9	208	0.58	6.1
0209_03	8 mg/m3	Day : 23	21.3	155	0.57	6.5
0210_03	8 mg/m3	Day : 4	21.7	181	0.68	6.7
0210_03	8 mg/m3	Day : 23	21.5	222	0.65	6.6
0221_03	16 mg/m3	Day : 4	16	784	0.63	5.5
0221_03	16 mg/m3	Day : 23	21.7	138	0.6	6.2
0222_03	16 mg/m3	Day : 4	24.5	238	0.55	5.7

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:08

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
0222_03	16 mg/m3	Day : 23	21.6	197	0.54	5.9
0223_03	16 mg/m3	Day : 4	17.3	1856	0.6	5.7
0223_03	16 mg/m3	Day : 23	21.1	176	0.59	6.3
0224_03	16 mg/m3	Day : 4	19.6	237	0.63	6
0224_03	16 mg/m3	Day : 23	19.8	269	0.62	6.3
0225_03	16 mg/m3	Day : 4	18.6	399	0.62	6.1
0225_03	16 mg/m3	Day : 23	18.9	319	0.57	6.3
0226_03	16 mg/m3	Day : 4	18	627	0.49	6
0226_03	16 mg/m3	Day : 23	20.7	221	0.48	6.1
0227_03	16 mg/m3	Day : 4	15.9	476	0.56	5.9
0227_03	16 mg/m3	Day : 23	20.9	201	0.56	6.2
0228_03	16 mg/m3	Day : 4	21.1	246	0.58	6.2
0228_03	16 mg/m3	Day : 23	19.3	196	0.56	6.3
0229_03	16 mg/m3	Day : 4	20.2	197	0.53	5.8
0229_03	16 mg/m3	Day : 23	21.3	179	0.52	7.1
0230_03	16 mg/m3	Day : 4	20.6	517	0.52	5.8
0230_03	16 mg/m3	Day : 23	18.8	240	0.5	6.2

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:08

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0001_03	0 mg/m3	Week : 13	43.4
0002_03	0 mg/m3	Week : 13	37.2
0003_03	0 mg/m3	Week : 13	334
0004_03	0 mg/m3	Week : 13	117
0005_03	0 mg/m3	Week : 13	34.6
0006_03	0 mg/m3	Week : 13	29.8
0007_03	0 mg/m3	Week : 13	53
0008_03	0 mg/m3	Week : 13	40
0009_03	0 mg/m3	Week : 13	24
0010_03	0 mg/m3	Week : 13	250
0021_03	1 mg/m3	Week : 13	48.8
0022_03	1 mg/m3	Week : 13	100
0023_03	1 mg/m3	Week : 13	41.8
0024_03	1 mg/m3	Week : 13	171
0025_03	1 mg/m3	Week : 13	50
0026_03	1 mg/m3	Week : 13	94
0027_03	1 mg/m3	Week : 13	32.2
0028_03	1 mg/m3	Week : 13	37.6
0029_03	1 mg/m3	Week : 13	38.2
0030_03	1 mg/m3	Week : 13	100
0041_03	2 mg/m3	Week : 13	25.4
0042_03	2 mg/m3	Week : 13	60

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:08

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0043_03	2 mg/m3	Week : 13	37
0044_03	2 mg/m3	Week : 13	98
0045_03	2 mg/m3	Week : 13	65
0046_03	2 mg/m3	Week : 13	60
0047_03	2 mg/m3	Week : 13	48
0048_03	2 mg/m3	Week : 13	30.6
0049_03	2 mg/m3	Week : 13	189
0050_03	2 mg/m3	Week : 13	68
0061_03	4 mg/m3	Week : 13	38
0062_03	4 mg/m3	Week : 13	83
0063_03	4 mg/m3	Week : 13	31
0064_03	4 mg/m3	Week : 13	110
0065_03	4 mg/m3	Week : 13	23
0066_03	4 mg/m3	Week : 13	48
0067_03	4 mg/m3	Week : 13	20.2
0068_03	4 mg/m3	Week : 13	39.6
0069_03	4 mg/m3	Week : 13	59
0070_03	4 mg/m3	Week : 13	19
0081_03	8 mg/m3	Week : 13	44.8
0082_03	8 mg/m3	Week : 13	43.2
0083_03	8 mg/m3	Week : 13	73
0084_03	8 mg/m3	Week : 13	80

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:08

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0085_03	8 mg/m3	Week : 13	104
0086_03	8 mg/m3	Week : 13	19.8
0087_03	8 mg/m3	Week : 13	48.6
0088_03	8 mg/m3	Week : 13	27.6
0089_03	8 mg/m3	Week : 13	19
0090_03	8 mg/m3	Week : 13	32.2
0102_03	16 mg/m3	Week : 13	12.6
0106_03	16 mg/m3	Week : 13	39.4
0110_03	16 mg/m3	Week : 13	30
0121_03	0 mg/m3	Day : 4	15.7
0121_03	0 mg/m3	Day : 23	16.6
0122_03	0 mg/m3	Day : 4	17.4
0123_03	0 mg/m3	Day : 4	16.8
0123_03	0 mg/m3	Day : 23	20.2
0124_03	0 mg/m3	Day : 4	17.6
0124_03	0 mg/m3	Day : 23	19.4
0125_03	0 mg/m3	Day : 4	14.7
0125_03	0 mg/m3	Day : 23	17.44
0126_03	0 mg/m3	Day : 4	13.3
0126_03	0 mg/m3	Day : 23	15.2
0127_03	0 mg/m3	Day : 4	14.1
0127_03	0 mg/m3	Day : 23	17.2

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:08

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0128_03	0 mg/m3	Day : 4	16.6
0128_03	0 mg/m3	Day : 23	20
0129_03	0 mg/m3	Day : 4	15.6
0129_03	0 mg/m3	Day : 23	17
0130_03	0 mg/m3	Day : 4	16.9
0130_03	0 mg/m3	Day : 23	19
0141_03	1 mg/m3	Day : 4	14.2
0141_03	1 mg/m3	Day : 23	19.6
0142_03	1 mg/m3	Day : 4	14.8
0142_03	1 mg/m3	Day : 23	25.2
0143_03	1 mg/m3	Day : 4	16.4
0143_03	1 mg/m3	Day : 23	19.4
0144_03	1 mg/m3	Day : 4	16.3
0144_03	1 mg/m3	Day : 23	16
0145_03	1 mg/m3	Day : 4	16.6
0145_03	1 mg/m3	Day : 23	21.4
0146_03	1 mg/m3	Day : 4	17.4
0146_03	1 mg/m3	Day : 23	17.9
0147_03	1 mg/m3	Day : 4	16.1
0147_03	1 mg/m3	Day : 23	21.4
0148_03	1 mg/m3	Day : 4	17.2
0148_03	1 mg/m3	Day : 23	15.6

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:08

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0149_03	1 mg/m3	Day : 4	13.6
0149_03	1 mg/m3	Day : 23	13.8
0150_03	1 mg/m3	Day : 4	16.8
0150_03	1 mg/m3	Day : 23	19.4
0161_03	2 mg/m3	Day : 4	16
0161_03	2 mg/m3	Day : 23	19.8
0162_03	2 mg/m3	Day : 4	16.7
0163_03	2 mg/m3	Day : 4	15.5
0163_03	2 mg/m3	Day : 23	15.6
0164_03	2 mg/m3	Day : 4	19.2
0164_03	2 mg/m3	Day : 23	17
0165_03	2 mg/m3	Day : 4	16.5
0165_03	2 mg/m3	Day : 23	21
0166_03	2 mg/m3	Day : 4	15
0166_03	2 mg/m3	Day : 23	16.4
0167_03	2 mg/m3	Day : 4	20.5
0167_03	2 mg/m3	Day : 23	16.4
0168_03	2 mg/m3	Day : 4	16.6
0168_03	2 mg/m3	Day : 23	18.2
0169_03	2 mg/m3	Day : 4	17
0169_03	2 mg/m3	Day : 23	17.4
0170_03	2 mg/m3	Day : 4	19.7

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:08

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0170_03	2 mg/m3	Day : 23	22
0181_03	4 mg/m3	Day : 4	20.2
0181_03	4 mg/m3	Day : 23	18.6
0182_03	4 mg/m3	Day : 4	15.4
0182_03	4 mg/m3	Day : 23	16.6
0183_03	4 mg/m3	Day : 4	15.3
0183_03	4 mg/m3	Day : 23	17
0184_03	4 mg/m3	Day : 4	16.3
0184_03	4 mg/m3	Day : 23	13.6
0185_03	4 mg/m3	Day : 4	17.1
0185_03	4 mg/m3	Day : 23	18.8
0186_03	4 mg/m3	Day : 4	16.4
0186_03	4 mg/m3	Day : 23	15.6
0187_03	4 mg/m3	Day : 4	15.5
0187_03	4 mg/m3	Day : 23	17.4
0188_03	4 mg/m3	Day : 4	16.9
0188_03	4 mg/m3	Day : 23	16.6
0189_03	4 mg/m3	Day : 4	18.4
0189_03	4 mg/m3	Day : 23	14.6
0190_03	4 mg/m3	Day : 4	17.8
0190_03	4 mg/m3	Day : 23	16
0201_03	8 mg/m3	Day : 4	16.2

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:08

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0201_03	8 mg/m3	Day : 23	16.8
0202_03	8 mg/m3	Day : 4	15.5
0202_03	8 mg/m3	Day : 23	15.4
0203_03	8 mg/m3	Day : 4	16.9
0203_03	8 mg/m3	Day : 23	13
0204_03	8 mg/m3	Day : 4	20.7
0204_03	8 mg/m3	Day : 23	15.8
0205_03	8 mg/m3	Day : 4	21.9
0205_03	8 mg/m3	Day : 23	22.4
0206_03	8 mg/m3	Day : 4	15.4
0206_03	8 mg/m3	Day : 23	15.6
0207_03	8 mg/m3	Day : 4	16.1
0207_03	8 mg/m3	Day : 23	15.2
0208_03	8 mg/m3	Day : 4	21.6
0208_03	8 mg/m3	Day : 23	20.8
0209_03	8 mg/m3	Day : 4	15.8
0209_03	8 mg/m3	Day : 23	16.8
0210_03	8 mg/m3	Day : 4	17.6
0210_03	8 mg/m3	Day : 23	17.6
0221_03	16 mg/m3	Day : 4	16.6
0221_03	16 mg/m3	Day : 23	12.6
0222_03	16 mg/m3	Day : 4	15.9

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:08

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0222_03	16 mg/m3	Day : 23	14.6
0223_03	16 mg/m3	Day : 4	15
0223_03	16 mg/m3	Day : 23	13
0224_03	16 mg/m3	Day : 4	15.8
0224_03	16 mg/m3	Day : 23	10
0225_03	16 mg/m3	Day : 4	14.2
0225_03	16 mg/m3	Day : 23	11.6
0226_03	16 mg/m3	Day : 4	14.6
0226_03	16 mg/m3	Day : 23	14.4
0227_03	16 mg/m3	Day : 4	14.8
0227_03	16 mg/m3	Day : 23	15.2
0228_03	16 mg/m3	Day : 4	14.9
0228_03	16 mg/m3	Day : 23	14.4
0229_03	16 mg/m3	Day : 4	16.3
0229_03	16 mg/m3	Day : 23	18.4
0230_03	16 mg/m3	Day : 4	15.5
0230_03	16 mg/m3	Day : 23	12.2

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
0011_03	0 mg/m3	Week : 13	3.2	317	45	14.5
0012_03	0 mg/m3	Week : 13	3.3	315	38	16
0013_03	0 mg/m3	Week : 13	3.2	363		40.5
0014_03	0 mg/m3	Week : 13	3.3	307	45	15.4
0015_03	0 mg/m3	Week : 13	3.1	310	36	11.1
0016_03	0 mg/m3	Week : 13	3.4	313	37	13
0017_03	0 mg/m3	Week : 13	3.5	292	51	14.4
0018_03	0 mg/m3	Week : 13	3.3	318	55	17.5
0019_03	0 mg/m3	Week : 13	3.3	350	79	21.4
0020_03	0 mg/m3	Week : 13	3.2	303	45	16.4
0031_03	1 mg/m3	Week : 13	3.8	292	60	18.9
0032_03	1 mg/m3	Week : 13	3.2	252	51	14.9
0033_03	1 mg/m3	Week : 13	3.5	288	34	11
0034_03	1 mg/m3	Week : 13	4	253	39	11.9
0035_03	1 mg/m3	Week : 13	3.5	328	90	25.5
0036_03	1 mg/m3	Week : 13	3.6	353	58	13.7
0037_03	1 mg/m3	Week : 13	3.4	298	34	10.9
0038_03	1 mg/m3	Week : 13	3.8	298	65	15.1
0039_03	1 mg/m3	Week : 13	3.6	302	32	11.1
0040_03	1 mg/m3	Week : 13	3.4	321	50	17.7
0051_03	2 mg/m3	Week : 13	3.1	337		
0052_03	2 mg/m3	Week : 13	3.4	208	44	19.2

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
0053_03	2 mg/m3	Week : 13	3.7	284	41	13.2
0054_03	2 mg/m3	Week : 13	3.5	317	58	15.1
0055_03	2 mg/m3	Week : 13	3.6	266	38	19.7
0056_03	2 mg/m3	Week : 13	3.5	272	38	12.2
0057_03	2 mg/m3	Week : 13	3.4	236	46	13.7
0058_03	2 mg/m3	Week : 13	3.7	334	73	12.9
0059_03	2 mg/m3	Week : 13	3.5	288	48	15.3
0060_03	2 mg/m3	Week : 13	3.5	339	49	15
0071_03	4 mg/m3	Week : 13	3.6	223	69	13.8
0072_03	4 mg/m3	Week : 13	3.5	266	62	15.5
0073_03	4 mg/m3	Week : 13	3.3	311	70	17.1
0074_03	4 mg/m3	Week : 13	3.1	320	48	14.4
0075_03	4 mg/m3	Week : 13	3.6	300	45	27.7
0076_03	4 mg/m3	Week : 13	3.4	299	67	15.2
0077_03	4 mg/m3	Week : 13	3.4	340		26.2
0078_03	4 mg/m3	Week : 13	3.2	316	56	18.5
0079_03	4 mg/m3	Week : 13	3.4	322	43	10.8
0080_03	4 mg/m3	Week : 13	3.4	279	70	11.3
0091_03	8 mg/m3	Week : 13	3.4	206	84	14.3
0092_03	8 mg/m3	Week : 13	3.7	218	93	16.1
0093_03	8 mg/m3	Week : 13	3.1	305	69	14.2
0094_03	8 mg/m3	Week : 13	3.4	282	59	14.2

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
0094_03	8 mg/m3	Week : 13	3.4	282	59	14.2
0095_03	8 mg/m3	Week : 13	3.1	340	117	16.4
0096_03	8 mg/m3	Week : 13	3	266	75	12.4
0097_03	8 mg/m3	Week : 13	3.4	280	83	14
0098_03	8 mg/m3	Week : 13	3	266	74	10.7
0099_03	8 mg/m3	Week : 13	3.5	285	86	20.8
0100_03	8 mg/m3	Week : 13	3.5	288	73	12.1
0111_03	16 mg/m3	Week : 13	3.3	170	80	15
0113_03	16 mg/m3	Week : 13	3.2	170	91	16
0114_03	16 mg/m3	Week : 13	3	167	92	14.4
0116_03	16 mg/m3	Week : 13	3	171	95	23.4
0117_03	16 mg/m3	Week : 13	3.1		96	19
0119_03	16 mg/m3	Week : 13	3	178	135	21.1
0120_03	16 mg/m3	Week : 13	3.1		74	32
0131_03	0 mg/m3	Day : 4	3.2	864	38	16.9
0132_03	0 mg/m3	Day : 4	3	666	35	13.3
0132_03	0 mg/m3	Day : 23	3.1	513	27	12.2
0133_03	0 mg/m3	Day : 4	3.2	785	45	31.6
0133_03	0 mg/m3	Day : 23	3.2	528	30	10.5
0134_03	0 mg/m3	Day : 4	3.1	712	32	13.2
0134_03	0 mg/m3	Day : 23	3.3	535	33	15.2
0135_03	0 mg/m3	Day : 4	3	707	35	18.7

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
0135_03	0 mg/m3	Day : 23	3.1	491	30	12.2
0136_03	0 mg/m3	Day : 4	3	716	34	15.5
0136_03	0 mg/m3	Day : 23	3.3	453	32	17.3
0137_03	0 mg/m3	Day : 4	3.1	721	30	10.5
0137_03	0 mg/m3	Day : 23	3.2	491	30	12.3
0138_03	0 mg/m3	Day : 4	3	776	33	17.3
0138_03	0 mg/m3	Day : 23	3	516	32	15.1
0139_03	0 mg/m3	Day : 4	2.9	693	34	15.7
0139_03	0 mg/m3	Day : 23	3.1	487	28	12.6
0140_03	0 mg/m3	Day : 4	2.9	672	31	14
0140_03	0 mg/m3	Day : 23	3.2	517	33	17.3
0151_03	1 mg/m3	Day : 4	2.9	743	35	15.7
0151_03	1 mg/m3	Day : 23	2.9	479	27	16.7
0152_03	1 mg/m3	Day : 4	2.9	733	32	20.3
0152_03	1 mg/m3	Day : 23	3.3	539	31	10.3
0153_03	1 mg/m3	Day : 4	2.8	639	29	20.7
0153_03	1 mg/m3	Day : 23	3.1	515	26	10.4
0154_03	1 mg/m3	Day : 4	3.3	768	34	11.1
0154_03	1 mg/m3	Day : 23	3.3	459	29	13.1
0155_03	1 mg/m3	Day : 4	2.9	663	32	15.3
0155_03	1 mg/m3	Day : 23	3.1	468	28	10.3
0156_03	1 mg/m3	Day : 4	3.2	821	46	18

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
0156_03	1 mg/m3	Day : 4	3.2	821	46	18
0156_03	1 mg/m3	Day : 23	3.2	511	25	14.8
0157_03	1 mg/m3	Day : 4	3.2	811	44	14.6
0157_03	1 mg/m3	Day : 23	3.4	456	30	12.3
0158_03	1 mg/m3	Day : 4	3.2	800	37	7.4
0158_03	1 mg/m3	Day : 23	3.6	489	32	16
0159_03	1 mg/m3	Day : 4	2.8	659	35	22
0159_03	1 mg/m3	Day : 23	3	464	27	10.6
0160_03	1 mg/m3	Day : 4	2.8	642	35	15.6
0160_03	1 mg/m3	Day : 23	3	434	31	12.1
0171_03	2 mg/m3	Day : 4	2.9	707	41	11
0171_03	2 mg/m3	Day : 23	3.1	453	38	11.5
0172_03	2 mg/m3	Day : 4	3.2	798	45	12.1
0172_03	2 mg/m3	Day : 23	3.3	535	34	11.2
0173_03	2 mg/m3	Day : 4	2.8	832	38	16
0173_03	2 mg/m3	Day : 23	3	573	39	25.2
0174_03	2 mg/m3	Day : 4	2.9	681	41	12.3
0174_03	2 mg/m3	Day : 23	3.1	515	36	12.2
0175_03	2 mg/m3	Day : 4	3.1	767	37	12.1
0175_03	2 mg/m3	Day : 23	3.1	538	37	14.5
0176_03	2 mg/m3	Day : 4	3	689	41	8.5
0176_03	2 mg/m3	Day : 23	3.3	513	41	10.8

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
0177_03	2 mg/m3	Day : 4	3	747	33	12.3
0177_03	2 mg/m3	Day : 23	3.1	479	30	8.3
0178_03	2 mg/m3	Day : 4	3	713	34	12
0178_03	2 mg/m3	Day : 23	3.2	497	27	12.4
0179_03	2 mg/m3	Day : 4	2.8	647	28	11.7
0179_03	2 mg/m3	Day : 23	3.5	534	27	6.7
0180_03	2 mg/m3	Day : 4	2.9	667	34	18.1
0180_03	2 mg/m3	Day : 23	3.1	450	30	13.2
0191_03	4 mg/m3	Day : 4	2.7	684	39	14.7
0191_03	4 mg/m3	Day : 23	3.2	485	35	7.3
0192_03	4 mg/m3	Day : 4	2.7	697	40	15.4
0192_03	4 mg/m3	Day : 23	3.1	486	30	9.4
0193_03	4 mg/m3	Day : 4	3	704	44	14.8
0193_03	4 mg/m3	Day : 23	3.2	521	44	9.2
0194_03	4 mg/m3	Day : 4	2.7	683	41	18.7
0194_03	4 mg/m3	Day : 23	3.2	527	37	13.2
0195_03	4 mg/m3	Day : 4	2.9	589	30	10.7
0195_03	4 mg/m3	Day : 23	3.2	421	36	14.2
0196_03	4 mg/m3	Day : 4	2.8	651	35	9.3
0196_03	4 mg/m3	Day : 23	3.3	477	31	11.3
0197_03	4 mg/m3	Day : 4	2.7	481	69	10.8
0197_03	4 mg/m3	Day : 23	3.2	489	37	8.5

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
0197_03	4 mg/m3	Day : 23	3.2	489	37	8.5
0198_03	4 mg/m3	Day : 4	2.9	604	41	12.2
0198_03	4 mg/m3	Day : 23	3.2	452	29	14.2
0199_03	4 mg/m3	Day : 4	3.1	790	41	19.6
0200_03	4 mg/m3	Day : 4	2.8	725	44	11.5
0200_03	4 mg/m3	Day : 23	3	498	45	17
0211_03	8 mg/m3	Day : 4	2.9	705	39	12.4
0211_03	8 mg/m3	Day : 23	3.3	478	57	9.6
0212_03	8 mg/m3	Day : 4	2.7	648	66	10.7
0212_03	8 mg/m3	Day : 23	3.3	527	59	12.2
0213_03	8 mg/m3	Day : 4	2.8	578	49	11.5
0213_03	8 mg/m3	Day : 23	3.1	442	53	6.9
0214_03	8 mg/m3	Day : 4	2.9	669	64	9.7
0214_03	8 mg/m3	Day : 23	3.2	500	32	6.3
0215_03	8 mg/m3	Day : 4	2.8	560	68	8.7
0215_03	8 mg/m3	Day : 23	3.1	486	58	12.4
0216_03	8 mg/m3	Day : 4	2.9	570	67	11.6
0216_03	8 mg/m3	Day : 23	3.2	425	50	17.7
0217_03	8 mg/m3	Day : 4	2.8	604	55	8.5
0217_03	8 mg/m3	Day : 23	3	491	53	8.8
0218_03	8 mg/m3	Day : 4	2.8	720	62	16.7
0218_03	8 mg/m3	Day : 23	2.9	473	36	31.3

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
0219_03	8 mg/m3	Day : 4	2.8	626	64	12.6
0219_03	8 mg/m3	Day : 23	3.1	451	39	12.5
0220_03	8 mg/m3	Day : 4	2.8	630	62	12.7
0220_03	8 mg/m3	Day : 23	3.3	466	43	5
0231_03	16 mg/m3	Day : 4	2.7	471	68	12.3
0231_03	16 mg/m3	Day : 23	3	396	61	11.2
0232_03	16 mg/m3	Day : 4	2.7	399	61	15.7
0232_03	16 mg/m3	Day : 23	2.9	389	74	10.5
0233_03	16 mg/m3	Day : 4	2.7	467	79	13.6
0233_03	16 mg/m3	Day : 23	2.8	385	67	12.8
0234_03	16 mg/m3	Day : 4	2.8	414	87	12.7
0234_03	16 mg/m3	Day : 23	3	435	87	14.8
0235_03	16 mg/m3	Day : 4	2.9	516	61	9.8
0235_03	16 mg/m3	Day : 23	2.9	331	64	11.1
0236_03	16 mg/m3	Day : 4	2.7	454	42	12
0236_03	16 mg/m3	Day : 23	3.1	346	63	10
0237_03	16 mg/m3	Day : 4	3.1	566	65	8
0237_03	16 mg/m3	Day : 23	3	478	76	10.6
0238_03	16 mg/m3	Day : 4	2.8	514	65	12.4
0238_03	16 mg/m3	Day : 23	3.1	423	62	15.6
0239_03	16 mg/m3	Day : 4	2.8	688	46	14.5
0239_03	16 mg/m3	Day : 23	3.1	420	77	12.7

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:09

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
0239_03	16 mg/m3	Day : 23	3.1	420	77	12.7
0240_03	16 mg/m3	Day : 4	2.6	394	58	12
0240_03	16 mg/m3	Day : 23	3	413	62	14.3

Experiment Number: 61427-03

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 01:54:09

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
0011_03	0 mg/m3	Week : 13	21.4	105	0.59	7.2
0012_03	0 mg/m3	Week : 13	21.8	165	0.61	7.1
0013_03	0 mg/m3	Week : 13	27.3	288	0.71	7.1
0014_03	0 mg/m3	Week : 13	19.8	114	0.6	7.1
0015_03	0 mg/m3	Week : 13	23.4	238	0.56	6.7
0016_03	0 mg/m3	Week : 13	23.3	72	0.57	7.3
0017_03	0 mg/m3	Week : 13	22	129	0.57	7.5
0018_03	0 mg/m3	Week : 13	19.8	132	0.62	7
0019_03	0 mg/m3	Week : 13	20.9	195	0.58	7.1
0020_03	0 mg/m3	Week : 13	19.6	131	0.63	7.2
0031_03	1 mg/m3	Week : 13	22.3	122	0.63	7.8
0032_03	1 mg/m3	Week : 13	20.8	143	0.68	7.2
0033_03	1 mg/m3	Week : 13	22	58	0.61	7.6
0034_03	1 mg/m3	Week : 13	21.7	462	0.56	7.7
0035_03	1 mg/m3	Week : 13	23.2	99	0.64	7.4
0036_03	1 mg/m3	Week : 13	24.7	88	0.69	7.5
0037_03	1 mg/m3	Week : 13	23.8	61	0.68	7.6
0038_03	1 mg/m3	Week : 13	22.7	112	0.69	7.7
0039_03	1 mg/m3	Week : 13	21.9	68	0.64	7.3
0040_03	1 mg/m3	Week : 13	23.5	94	0.62	7.2
0051_03	2 mg/m3	Week : 13	23	203	0.62	6.9
0052_03	2 mg/m3	Week : 13	23.1	112	0.65	7.3

Experiment Number: 61427-03

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 01:54:09

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
0053_03	2 mg/m3	Week : 13	24	259	0.6	7.8
0054_03	2 mg/m3	Week : 13	23.1	94	0.54	7.5
0055_03	2 mg/m3	Week : 13	19.7	96	0.66	7.4
0056_03	2 mg/m3	Week : 13	22.9	78	0.66	7.2
0057_03	2 mg/m3	Week : 13	20.5	71	0.53	7.4
0058_03	2 mg/m3	Week : 13	24.6	110	0.69	7.6
0059_03	2 mg/m3	Week : 13	22	79	0.66	7.2
0060_03	2 mg/m3	Week : 13	19.9	139	0.56	7.4
0071_03	4 mg/m3	Week : 13	21.3	102	0.6	7.3
0072_03	4 mg/m3	Week : 13	20.4	92	0.52	7.2
0073_03	4 mg/m3	Week : 13	23.2	402	0.72	6.9
0074_03	4 mg/m3	Week : 13	19.5	210	0.62	6.6
0075_03	4 mg/m3	Week : 13	21.2	106	0.56	7.3
0076_03	4 mg/m3	Week : 13	21.4	98	0.67	6.9
0077_03	4 mg/m3	Week : 13	24.7	115	0.59	7
0078_03	4 mg/m3	Week : 13	21.2	223	0.78	6.7
0079_03	4 mg/m3	Week : 13	23.8	121	0.57	7
0080_03	4 mg/m3	Week : 13	22.7	366	0.56	6.9
0091_03	8 mg/m3	Week : 13	21	137	0.58	7
0092_03	8 mg/m3	Week : 13	20.3	300	0.62	7.4
0093_03	8 mg/m3	Week : 13	19.9	216	0.48	6.9
0094_03	8 mg/m3	Week : 13	22.3	125	0.59	6.7

Experiment Number: 61427-03

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 01:54:09

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
0095_03	8 mg/m3	Week : 13	21.4	146	0.56	6.4
0096_03	8 mg/m3	Week : 13	19	195	0.58	6.4
0097_03	8 mg/m3	Week : 13	19	152	0.56	7.2
0098_03	8 mg/m3	Week : 13	19.9	164	0.56	6.5
0099_03	8 mg/m3	Week : 13	21.7	166	0.65	6.8
0100_03	8 mg/m3	Week : 13	23.6	134	0.56	6.9
0111_03	16 mg/m3	Week : 13	32.9	258	0.58	6.5
0113_03	16 mg/m3	Week : 13	25.1	256	0.52	6.5
0114_03	16 mg/m3	Week : 13	28.1	157	0.54	6
0116_03	16 mg/m3	Week : 13	34.6	471	0.5	6
0117_03	16 mg/m3	Week : 13	30.2	290	0.6	6.7
0119_03	16 mg/m3	Week : 13	51.5	289	0.52	6.1
0120_03	16 mg/m3	Week : 13		258		6.3
0131_03	0 mg/m3	Day : 4	20.7	433	0.55	6.8
0132_03	0 mg/m3	Day : 4	24.3	534	0.53	6.3
0132_03	0 mg/m3	Day : 23	26.2	139	0.64	6.4
0133_03	0 mg/m3	Day : 4	25.4	749	0.68	6.4
0133_03	0 mg/m3	Day : 23	26.7	177	0.67	6.2
0134_03	0 mg/m3	Day : 4	18.7	211	0.61	6.3
0134_03	0 mg/m3	Day : 23	26.1	138	0.54	6.3
0135_03	0 mg/m3	Day : 4	24.2	253	0.6	6.2
0135_03	0 mg/m3	Day : 23	25.5	287	0.58	6.1

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:10

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
0136_03	0 mg/m3	Day : 4	23.6	227	0.55	6.3
0136_03	0 mg/m3	Day : 23	26.5	168	0.55	6.4
0137_03	0 mg/m3	Day : 4	25.4	223	0.59	6.1
0137_03	0 mg/m3	Day : 23	24.3	312	0.57	6.3
0138_03	0 mg/m3	Day : 4	20.7	226	0.64	6.1
0138_03	0 mg/m3	Day : 23	24	217	0.59	6.2
0139_03	0 mg/m3	Day : 4	20.9	286	0.52	6.1
0139_03	0 mg/m3	Day : 23	27.1	157	0.69	6.1
0140_03	0 mg/m3	Day : 4	23.8	218	0.62	6.2
0140_03	0 mg/m3	Day : 23	27.2	264	0.65	6.4
0151_03	1 mg/m3	Day : 4	25	886	0.64	6.1
0151_03	1 mg/m3	Day : 23	21.2	202	0.55	6.3
0152_03	1 mg/m3	Day : 4	18.7	268	0.59	6.1
0152_03	1 mg/m3	Day : 23	28.4	166	0.63	6.3
0153_03	1 mg/m3	Day : 4	28.5	273	0.65	5.9
0153_03	1 mg/m3	Day : 23	28.6	144	0.59	6.7
0154_03	1 mg/m3	Day : 4	21.7	156	0.63	6.7
0154_03	1 mg/m3	Day : 23	28.7	217	0.64	6.4
0155_03	1 mg/m3	Day : 4	25.2	399	0.46	5.9
0155_03	1 mg/m3	Day : 23	30.8	165	0.6	6.2
0156_03	1 mg/m3	Day : 4	23.9	1790	0.64	6.6
0156_03	1 mg/m3	Day : 23	27.3	142	0.65	6.5

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:10

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
0157_03	1 mg/m3	Day : 4	23.9	157	0.54	6.5
0157_03	1 mg/m3	Day : 23	28.3	442	0.76	6.7
0158_03	1 mg/m3	Day : 4	25.9	151	0.66	6.5
0158_03	1 mg/m3	Day : 23	25.3	584	0.65	6.5
0159_03	1 mg/m3	Day : 4	29.2	178	0.67	5.8
0159_03	1 mg/m3	Day : 23	27.1	133	0.72	6
0160_03	1 mg/m3	Day : 4	23.7	210	0.6	5.8
0160_03	1 mg/m3	Day : 23	25	406	0.6	6.1
0171_03	2 mg/m3	Day : 4	21.3	119	0.59	6.1
0171_03	2 mg/m3	Day : 23	23.4	205	0.59	6.1
0172_03	2 mg/m3	Day : 4	21.9	285	0.59	6.6
0172_03	2 mg/m3	Day : 23	25.8	152	0.67	6.5
0173_03	2 mg/m3	Day : 4	24.1	307	0.61	5.8
0173_03	2 mg/m3	Day : 23	27.8	1530	0.66	6.2
0174_03	2 mg/m3	Day : 4	21.8	183	0.49	5.9
0174_03	2 mg/m3	Day : 23	24.5	107	0.58	6.2
0175_03	2 mg/m3	Day : 4	19.8	227	0.62	6.2
0175_03	2 mg/m3	Day : 23	26.8	103	0.53	6.2
0176_03	2 mg/m3	Day : 4	24.6	107	0.58	6.2
0176_03	2 mg/m3	Day : 23	27.5	564	0.56	6.4
0177_03	2 mg/m3	Day : 4	27.4	242	0.62	6.2
0177_03	2 mg/m3	Day : 23	27.7	872	0.66	6.4

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:10

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
0178_03	2 mg/m3	Day : 4	20.1	140	0.54	6.1
0178_03	2 mg/m3	Day : 23	23.8	121	0.55	6.3
0179_03	2 mg/m3	Day : 4	25.8	143	0.6	5.8
0179_03	2 mg/m3	Day : 23	29.8	100	0.71	7
0180_03	2 mg/m3	Day : 4	21.1	1376	0.55	6.1
0180_03	2 mg/m3	Day : 23	29.1	214	0.67	6.6
0191_03	4 mg/m3	Day : 4	21.7	141	0.54	5.7
0191_03	4 mg/m3	Day : 23	26.5	167	0.63	6.2
0192_03	4 mg/m3	Day : 4	24.8	187	0.61	5.7
0192_03	4 mg/m3	Day : 23	27.5	232	0.69	6.2
0193_03	4 mg/m3	Day : 4	23.7	140	0.57	6.2
0193_03	4 mg/m3	Day : 23	25.9	153	0.66	6.5
0194_03	4 mg/m3	Day : 4	21.1	167	0.57	5.8
0194_03	4 mg/m3	Day : 23	23.3	105	0.57	6.5
0195_03	4 mg/m3	Day : 4	21.7	184	0.63	5.8
0195_03	4 mg/m3	Day : 23	25.3	127	0.67	6.7
0196_03	4 mg/m3	Day : 4	24.2	150	0.55	5.8
0196_03	4 mg/m3	Day : 23	26.2	127	0.58	6.4
0197_03	4 mg/m3	Day : 4	20.4	211	0.5	5.6
0197_03	4 mg/m3	Day : 23	25.1	133	0.61	6.4
0198_03	4 mg/m3	Day : 4	20.6	105	0.49	6
0198_03	4 mg/m3	Day : 23	23.4	112	0.65	6.3

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:10

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
0199_03	4 mg/m3	Day : 4	25.8	429	0.57	6.6
0200_03	4 mg/m3	Day : 4	27.2	150	0.62	5.9
0200_03	4 mg/m3	Day : 23	25.2	206	0.59	6.1
0211_03	8 mg/m3	Day : 4	25.6	172	0.65	5.8
0211_03	8 mg/m3	Day : 23	23.9	128	0.57	6.4
0212_03	8 mg/m3	Day : 4	25.1	226	0.58	5.6
0212_03	8 mg/m3	Day : 23	24.7	152	0.51	6.5
0213_03	8 mg/m3	Day : 4	24.3	149	0.47	5.9
0213_03	8 mg/m3	Day : 23	24.6	130	0.56	6.2
0214_03	8 mg/m3	Day : 4	25.7	171	0.69	5.9
0214_03	8 mg/m3	Day : 23	28.3	327	0.64	6.4
0215_03	8 mg/m3	Day : 4	24.7	184	0.48	5.9
0215_03	8 mg/m3	Day : 23	26.4	354	0.62	6.3
0216_03	8 mg/m3	Day : 4	20.8	189	0.46	6
0216_03	8 mg/m3	Day : 23	21.9	192	0.71	6.1
0217_03	8 mg/m3	Day : 4	26.2	151	0.56	5.5
0217_03	8 mg/m3	Day : 23	24.9	225	0.52	6
0218_03	8 mg/m3	Day : 4	25.3	161	0.69	5.8
0218_03	8 mg/m3	Day : 23	23.9	157	0.62	5.8
0219_03	8 mg/m3	Day : 4	24.3	182	0.58	5.9
0219_03	8 mg/m3	Day : 23	23.2	211	0.56	6
0220_03	8 mg/m3	Day : 4	25.4	778	0.73	5.7

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:10

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
0220_03	8 mg/m3	Day : 23	27.5	103	0.56	6.6
0231_03	16 mg/m3	Day : 4	16.9	356	0.55	5.6
0231_03	16 mg/m3	Day : 23	21.8	324	0.44	6
0232_03	16 mg/m3	Day : 4	17.4	308	0.5	5.6
0232_03	16 mg/m3	Day : 23	24.7	247	0.49	5.9
0233_03	16 mg/m3	Day : 4	19.6	307	0.59	5.4
0233_03	16 mg/m3	Day : 23	23.8	211	0.53	5.9
0234_03	16 mg/m3	Day : 4	19.3	367	0.53	5.7
0234_03	16 mg/m3	Day : 23	25.8	225	0.61	5.9
0235_03	16 mg/m3	Day : 4	21.6	158	0.68	5.8
0235_03	16 mg/m3	Day : 23	20.1	235	0.67	5.9
0236_03	16 mg/m3	Day : 4	19.6	143	0.5	5.8
0236_03	16 mg/m3	Day : 23	19.3	190	0.53	6.1
0237_03	16 mg/m3	Day : 4	25.2	385	0.55	5.9
0237_03	16 mg/m3	Day : 23	25.4	680	0.7	6.3
0238_03	16 mg/m3	Day : 4	19.7	268	0.56	5.6
0238_03	16 mg/m3	Day : 23	19	179	0.55	5.7
0239_03	16 mg/m3	Day : 4	19.7	189	0.58	5.7
0239_03	16 mg/m3	Day : 23	21.5	290	0.55	6.3
0240_03	16 mg/m3	Day : 4	17.3	246	0.49	5.4
0240_03	16 mg/m3	Day : 23	26.7	408	0.58	5.8

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:10

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0011_03	0 mg/m3	Week : 13	31.6
0012_03	0 mg/m3	Week : 13	25
0013_03	0 mg/m3	Week : 13	
0014_03	0 mg/m3	Week : 13	27.2
0015_03	0 mg/m3	Week : 13	20
0016_03	0 mg/m3	Week : 13	21.8
0017_03	0 mg/m3	Week : 13	24.8
0018_03	0 mg/m3	Week : 13	32.2
0019_03	0 mg/m3	Week : 13	50
0020_03	0 mg/m3	Week : 13	31.2
0031_03	1 mg/m3	Week : 13	36
0032_03	1 mg/m3	Week : 13	28.2
0033_03	1 mg/m3	Week : 13	13
0034_03	1 mg/m3	Week : 13	22.2
0035_03	1 mg/m3	Week : 13	
0036_03	1 mg/m3	Week : 13	36.2
0037_03	1 mg/m3	Week : 13	17.2
0038_03	1 mg/m3	Week : 13	37
0039_03	1 mg/m3	Week : 13	13.2
0040_03	1 mg/m3	Week : 13	24.6
0051_03	2 mg/m3	Week : 13	
0052_03	2 mg/m3	Week : 13	27.6

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:10

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0053_03	2 mg/m3	Week : 13	16.8
0054_03	2 mg/m3	Week : 13	35
0055_03	2 mg/m3	Week : 13	17.4
0056_03	2 mg/m3	Week : 13	16.8
0057_03	2 mg/m3	Week : 13	15.8
0058_03	2 mg/m3	Week : 13	44.6
0059_03	2 mg/m3	Week : 13	25.2
0060_03	2 mg/m3	Week : 13	29
0071_03	4 mg/m3	Week : 13	38.6
0072_03	4 mg/m3	Week : 13	19.8
0073_03	4 mg/m3	Week : 13	38.2
0074_03	4 mg/m3	Week : 13	22.4
0075_03	4 mg/m3	Week : 13	30.2
0076_03	4 mg/m3	Week : 13	47
0077_03	4 mg/m3	Week : 13	
0078_03	4 mg/m3	Week : 13	23.4
0079_03	4 mg/m3	Week : 13	20.8
0080_03	4 mg/m3	Week : 13	19.2
0091_03	8 mg/m3	Week : 13	56
0092_03	8 mg/m3	Week : 13	33.6
0093_03	8 mg/m3	Week : 13	20.8
0094_03	8 mg/m3	Week : 13	24.4

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:10

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0095_03	8 mg/m3	Week : 13	88
0096_03	8 mg/m3	Week : 13	23.4
0097_03	8 mg/m3	Week : 13	29.6
0098_03	8 mg/m3	Week : 13	26.6
0099_03	8 mg/m3	Week : 13	41.6
0100_03	8 mg/m3	Week : 13	18.8
0111_03	16 mg/m3	Week : 13	17.2
0113_03	16 mg/m3	Week : 13	17.8
0114_03	16 mg/m3	Week : 13	15
0116_03	16 mg/m3	Week : 13	15.8
0117_03	16 mg/m3	Week : 13	23.4
0119_03	16 mg/m3	Week : 13	20.6
0120_03	16 mg/m3	Week : 13	
0131_03	0 mg/m3	Day : 4	17.6
0132_03	0 mg/m3	Day : 4	20.8
0132_03	0 mg/m3	Day : 23	25
0133_03	0 mg/m3	Day : 4	14.6
0133_03	0 mg/m3	Day : 23	26.2
0134_03	0 mg/m3	Day : 4	14.3
0134_03	0 mg/m3	Day : 23	34
0135_03	0 mg/m3	Day : 4	14
0135_03	0 mg/m3	Day : 23	21

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:10

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0136_03	0 mg/m3	Day : 4	16.7
0136_03	0 mg/m3	Day : 23	33.2
0137_03	0 mg/m3	Day : 4	16.3
0137_03	0 mg/m3	Day : 23	27.6
0138_03	0 mg/m3	Day : 4	16.5
0138_03	0 mg/m3	Day : 23	22.3
0139_03	0 mg/m3	Day : 4	16.4
0139_03	0 mg/m3	Day : 23	34.6
0140_03	0 mg/m3	Day : 4	15.3
0140_03	0 mg/m3	Day : 23	24.3
0151_03	1 mg/m3	Day : 4	13.9
0151_03	1 mg/m3	Day : 23	22.4
0152_03	1 mg/m3	Day : 4	14.6
0152_03	1 mg/m3	Day : 23	20.9
0153_03	1 mg/m3	Day : 4	20.9
0153_03	1 mg/m3	Day : 23	27
0154_03	1 mg/m3	Day : 4	17.8
0154_03	1 mg/m3	Day : 23	23.6
0155_03	1 mg/m3	Day : 4	14.7
0155_03	1 mg/m3	Day : 23	18.2
0156_03	1 mg/m3	Day : 4	14.7
0156_03	1 mg/m3	Day : 23	24.3

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:10

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0157_03	1 mg/m3	Day : 4	15.8
0157_03	1 mg/m3	Day : 23	33.4
0158_03	1 mg/m3	Day : 4	15.9
0158_03	1 mg/m3	Day : 23	23.4
0159_03	1 mg/m3	Day : 4	23.9
0159_03	1 mg/m3	Day : 23	23.2
0160_03	1 mg/m3	Day : 4	15.9
0160_03	1 mg/m3	Day : 23	30.2
0171_03	2 mg/m3	Day : 4	18.2
0171_03	2 mg/m3	Day : 23	22.4
0172_03	2 mg/m3	Day : 4	17.2
0172_03	2 mg/m3	Day : 23	25.4
0173_03	2 mg/m3	Day : 4	14.9
0173_03	2 mg/m3	Day : 23	18.9
0174_03	2 mg/m3	Day : 4	16.3
0174_03	2 mg/m3	Day : 23	22.6
0175_03	2 mg/m3	Day : 4	13
0175_03	2 mg/m3	Day : 23	19.2
0176_03	2 mg/m3	Day : 4	19.6
0176_03	2 mg/m3	Day : 23	25.2
0177_03	2 mg/m3	Day : 4	19.2
0177_03	2 mg/m3	Day : 23	18.7

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:10

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0178_03	2 mg/m3	Day : 4	14.9
0178_03	2 mg/m3	Day : 23	23.2
0179_03	2 mg/m3	Day : 4	15.3
0179_03	2 mg/m3	Day : 23	21.6
0180_03	2 mg/m3	Day : 4	15.9
0180_03	2 mg/m3	Day : 23	23.2
0191_03	4 mg/m3	Day : 4	17.5
0191_03	4 mg/m3	Day : 23	27.6
0192_03	4 mg/m3	Day : 4	16.9
0192_03	4 mg/m3	Day : 23	20
0193_03	4 mg/m3	Day : 4	17.1
0193_03	4 mg/m3	Day : 23	27.6
0194_03	4 mg/m3	Day : 4	19.8
0194_03	4 mg/m3	Day : 23	25.4
0195_03	4 mg/m3	Day : 4	15.9
0195_03	4 mg/m3	Day : 23	22.5
0196_03	4 mg/m3	Day : 4	14.7
0196_03	4 mg/m3	Day : 23	25.6
0197_03	4 mg/m3	Day : 4	12.5
0197_03	4 mg/m3	Day : 23	23.9
0198_03	4 mg/m3	Day : 4	16
0198_03	4 mg/m3	Day : 23	24.8

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:10

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0199_03	4 mg/m3	Day : 4	17.2
0200_03	4 mg/m3	Day : 4	16.1
0200_03	4 mg/m3	Day : 23	20.1
0211_03	8 mg/m3	Day : 4	17.8
0211_03	8 mg/m3	Day : 23	27
0212_03	8 mg/m3	Day : 4	20.2
0212_03	8 mg/m3	Day : 23	21.8
0213_03	8 mg/m3	Day : 4	14.3
0213_03	8 mg/m3	Day : 23	27.2
0214_03	8 mg/m3	Day : 4	15.1
0214_03	8 mg/m3	Day : 23	19.6
0215_03	8 mg/m3	Day : 4	13.7
0215_03	8 mg/m3	Day : 23	29
0216_03	8 mg/m3	Day : 4	12.9
0216_03	8 mg/m3	Day : 23	28.4
0217_03	8 mg/m3	Day : 4	12.6
0217_03	8 mg/m3	Day : 23	18.8
0218_03	8 mg/m3	Day : 4	18.1
0218_03	8 mg/m3	Day : 23	20.1
0219_03	8 mg/m3	Day : 4	19.2
0219_03	8 mg/m3	Day : 23	21.1
0220_03	8 mg/m3	Day : 4	30.2

Experiment Number: 61427-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:54:10

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0220_03	8 mg/m3	Day : 23	19.2
0231_03	16 mg/m3	Day : 4	19.1
0231_03	16 mg/m3	Day : 23	19.5
0232_03	16 mg/m3	Day : 4	15.9
0232_03	16 mg/m3	Day : 23	19
0233_03	16 mg/m3	Day : 4	18.1
0233_03	16 mg/m3	Day : 23	22.5
0234_03	16 mg/m3	Day : 4	14.5
0234_03	16 mg/m3	Day : 23	17.6
0235_03	16 mg/m3	Day : 4	15
0235_03	16 mg/m3	Day : 23	20.4
0236_03	16 mg/m3	Day : 4	17.2
0236_03	16 mg/m3	Day : 23	30.4
0237_03	16 mg/m3	Day : 4	17.6
0237_03	16 mg/m3	Day : 23	21.8
0238_03	16 mg/m3	Day : 4	16.6
0238_03	16 mg/m3	Day : 23	22.5
0239_03	16 mg/m3	Day : 4	15.1
0239_03	16 mg/m3	Day : 23	23.4
0240_03	16 mg/m3	Day : 4	11.7
0240_03	16 mg/m3	Day : 23	18.4

** END OF REPORT **