

Experiment Number: 05219-01

Species/Strain: Rat/Fischer 344

P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:13:28

First Dose M/F: NA / NA

Lab: NA

C Number: C60913B

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

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MALE

Treatment Groups	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g	Bilirubin Total mg per dL	BUN mg per dL
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Day 91

0 ppm	4.7 ± 0.2	475.5 ± 67.5	76.8 ± 20.6	8.4 ± 4.9	0.1 ± 0	17.9 ± 2.2
50 ppm	4.7 ± 0.2	420.4 ± 57.8	74.6 ± 29.7	9.1 ± 5.3	0.1 ± 0	16.6 ± 1.6
100 ppm	4.8 ± 0.1	422.9 ± 98	76.8 ± 18.4	12.1 ± 3.8	0.1 ± 0	16.7 ± 2.2
200 ppm	4.8 ± 0.2	436.1 ± 51.2	102 ± 36.3	10.4 ± 3.5	0.1 ± 0	17.2 ± 2.7
400 ppm	4.9 ± 0.1	424 ± 58.2	124.5 ± 41.8**	14.7 ± 8.1*	0.1 ± 0	17.8 ± 3.4
800 ppm	5.2 ± 0.1**	342.6 ± 34.6**	322.7 ± 153.1**	48.2 ± 21.4**	0.1 ± 0*	19.6 ± 3.1

*p < 0.05

**p < 0.01

NOTE: Table is to include results for each time point samples were analyzed. Similar table is to be included for hematology parameters.

The values used in the calculations are the observations taken at the furthest point in the study for each subject (the greatest number of "days on study"). The "day" displayed is the maximum value of "days on study" across all subjects.

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MALE

Treatment Groups	Cholesterol mg per dL	Creatine Kinase IU per L	Creatinine U per L	Isocitrate Dehydrogenase IU PER L	Protein Total g per dL	SDH IU per L
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Day 91

0 ppm	83.1 ± 10.5	357.3 ± 191.4	0.7 ± 0.1	9.1 ± 9.1	7.2 ± 0.3	34.5 ± 13.1
50 ppm	93.8 ± 11.6*	297.6 ± 227.9	0.6 ± 0.1	7.7 ± 7.3	7 ± 0.2	41.3 ± 27.7
100 ppm	101.6 ± 10.2**	197.6 ± 102.3	0.6 ± 0.1	9.3 ± 6.9	7.2 ± 0.1	40.9 ± 10.2
200 ppm	97.5 ± 9.8*	291.1 ± 126.7	0.6 ± 0	9.3 ± 8.3	7.2 ± 0.2	69.5 ± 30**
400 ppm	97.9 ± 7.6**	339.5 ± 187.5	0.6 ± 0.1	17.1 ± 22.5	7.1 ± 0.2	94.1 ± 35.9**
800 ppm	134.1 ± 20.2**	400.4 ± 243	0.6 ± 0	19.3 ± 7.1**	7.4 ± 0.2	227.1 ± 129.4**

*p < 0.05

**p < 0.01

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FEMALE

Treatment Groups	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g	Bilirubin Total mg per dL	BUN mg per dL
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Day 91

0 ppm	4.8 ± 0.3	436.4 ± 85.3	54.3 ± 12.3	8.5 ± 3.6	0 ± 0	16.2 ± 1.1
50 ppm	4.7 ± 0.2	383.9 ± 59.3	51.9 ± 8.8	7.9 ± 4.9	0 ± 0	14.8 ± 2.2
100 ppm	4.9 ± 0.1	442.2 ± 54	59.5 ± 15.3	13.9 ± 6.5	0 ± 0	16.3 ± 2.1
200 ppm	4.6 ± 0.1	382.8 ± 32.3	48.8 ± 7.4	12.3 ± 6.7	0 ± 0	14.9 ± 1.4
400 ppm	4.5 ± 0.1	472.4 ± 56	66.2 ± 17.6	27.6 ± 8.5**	0 ± 0	16.1 ± 1.6
800 ppm	4.7 ± 0.1	279.4 ± 37.7**	318.8 ± 94.4**	37.5 ± 12.6**	0.1 ± 0	19.8 ± 2**

*p < 0.05

**p < 0.01

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Treatment Groups	Cholesterol mg per dL	Creatine Kinase IU per L	Creatinine U per L	Isocitrate Dehydrogenase IU PER L	Protein Total g per dL	SDH IU per L
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Day 91

0 ppm	96.7 ± 8.1	291 ± 117.9	0.6 ± 0.1	4.3 ± 2.2	7.3 ± 0.3	26.2 ± 5.2
50 ppm	108.9 ± 6.8**	316.6 ± 122.7	0.6 ± 0.1	6.9 ± 4	6.9 ± 0.2	26.2 ± 4.4
100 ppm	129.4 ± 7.6**	387.7 ± 263.1	0.6 ± 0.1	5.7 ± 2.2	7.1 ± 0.2	28.6 ± 6.3
200 ppm	115.2 ± 6.1**	532.7 ± 306.3	0.6 ± 0	10.1 ± 5.4	6.7 ± 0.2**	40.5 ± 9**
400 ppm	136.6 ± 10.4**	414.4 ± 267.5	0.6 ± 0	5.7 ± 2.4	6.3 ± 0.2**	48.3 ± 16.8**
800 ppm	135.9 ± 13.1**	523.9 ± 254.1*	0.6 ± 0	66.4 ± 38.1**	6.4 ± 0.2**	170.7 ± 56.1**

** END OF REPORT **

*p < 0.05

**p < 0.01

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