

Experiment Number: 88070-01

Species/Strain: Rat/Fischer 344

P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:38:35

First Dose M/F: NA / NA

Lab: NA

C Number: C88070

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	Albumin Globulin Ratio	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g	BUN mg per dL
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Day 91

0 ppm	4.9 ± 0.2	2.2 ± 0.7	412.4 ± 67	50.9 ± 21.1	20.2 ± 5.8	18.1 ± 3.1
500 ppm	4.9 ± 0.1	2.3 ± 0.7	410.9 ± 50.9	45.9 ± 13.8	23.6 ± 9.1	17.2 ± 3
1000 ppm	4.9 ± 0.2	2.3 ± 0.7	411.5 ± 57.6	43.6 ± 11.8	19 ± 4.3	16.7 ± 2.8
2000 ppm	4.9 ± 0.2	2.3 ± 0.6	412.8 ± 65.1	49.8 ± 17.1	23.3 ± 11.5	17.8 ± 3.3
4000 ppm	4.8 ± 0.2	2.2 ± 0.7	384.8 ± 69.3	46.2 ± 16.5	23.7 ± 10.9	17.2 ± 3
8000 ppm	4.8 ± 0.2	2.4 ± 0.7	403.4 ± 61.7	44.6 ± 13.9	21.2 ± 5.5	16.9 ± 2.8

*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	Creatine Kinase IU per L	Creatinine U per L	Globulin g per dL	Glucose mg per dL	Protein Total g per dL	SDH IU per L
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Day 91

0 ppm	154.2 ± 75.9	0.8 ± 0.1	2.4 ± 0.6	155 ± 18.2	7.2 ± 0.5	14.7 ± 4.1
500 ppm	178.9 ± 114.5	0.8 ± 0.1	2.2 ± 0.5	170.4 ± 37	7.1 ± 0.6	13.9 ± 2.8
1000 ppm	149.6 ± 74.2	0.8 ± 0.1	2.3 ± 0.6	157.4 ± 13.1	7.2 ± 0.6	13 ± 2.2
2000 ppm	172.2 ± 101.6	0.8 ± 0.1	2.2 ± 0.5	160.7 ± 26.5	7.2 ± 0.4	15 ± 3
4000 ppm	155.7 ± 76.6	0.8 ± 0.1	2.3 ± 0.6	165.3 ± 30.8	7.2 ± 0.6	14.1 ± 3.1
8000 ppm	173.1 ± 91.2	0.8 ± 0.1	2.2 ± 0.6	160.7 ± 24.5	7 ± 0.5	13.6 ± 3.3

*p < 0.05

**p < 0.01

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FEMALE

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

0 ppm	4.9 ± 0.3	2.5 ± 0.3	326.9 ± 44.4	38.5 ± 9.8	19.7 ± 9.4	16.9 ± 3.5
500 ppm	5 ± 0.4	2.5 ± 0.4	359.4 ± 46.3	49.5 ± 21.3	23.1 ± 14.5	17.3 ± 3.4
1000 ppm	4.9 ± 0.4	2.4 ± 0.5	367.4 ± 40.1	42.3 ± 14.7	24.3 ± 15.4	17 ± 3.8
2000 ppm	4.9 ± 0.3	2.6 ± 0.4	341.6 ± 45.3	47.5 ± 24.6	27.4 ± 17.9	16.4 ± 3.9
4000 ppm	4.9 ± 0.2	2.4 ± 0.4	325.6 ± 34.5	41.6 ± 17	23.4 ± 15.1	16.7 ± 3.4
8000 ppm	4.9 ± 0.3	2.4 ± 0.3	326.4 ± 39.9	44.9 ± 17.7	23.5 ± 12	16.1 ± 3.5

*p < 0.05

**p < 0.01

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Day 91

0 ppm	153.2 ± 89.8	0.8 ± 0.1	2 ± 0.3	159.8 ± 14.6	6.9 ± 0.5	14.8 ± 1.9
500 ppm	158.7 ± 77.9	0.8 ± 0.1	2.1 ± 0.3	169.8 ± 37.3	7.1 ± 0.5	17.8 ± 4.5
1000 ppm	136.8 ± 55.7	0.8 ± 0.1	2.1 ± 0.4	171 ± 28.3	7.1 ± 0.7	15.8 ± 3.6
2000 ppm	170.3 ± 76.2	0.8 ± 0.1	1.9 ± 0.4	159.2 ± 22.7	6.9 ± 0.5	16.2 ± 3.6
4000 ppm	158.3 ± 73.1	0.8 ± 0.1	2 ± 0.4	162.2 ± 12.4	6.9 ± 0.5	15.3 ± 3.9
8000 ppm	183.3 ± 136.8	0.8 ± 0.1	2 ± 0.3	166.6 ± 16	6.9 ± 0.5	16.2 ± 2.5

**** END OF REPORT ****

*p < 0.05

**p < 0.01

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