

Experiment Number: 05219-03
Species/Strain: Rat/Fischer 344

P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/25/2014
Time Report Requested: 23:31:03
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
Day 24						
0 ppm	4.8 ± 0.1	1069.6 ± 132	37.5 ± 2.6	16.6 ± 6.7	0.1 ± 0	23.8 ± 2.1
50 ppm	4.8 ± 0.1	1039.6 ± 70.2	46 ± 9.6**	17.3 ± 5.6	0 ± 0	24 ± 2.3
100 ppm	4.9 ± 0.2	1022.8 ± 87.6	62.4 ± 32.6**	17.1 ± 3.3	0.1 ± 0	22.9 ± 1.9
200 ppm	4.9 ± 0.2	974.6 ± 52.2**	69 ± 10.1**	16.7 ± 3.9	0.1 ± 0	24.1 ± 2.2
400 ppm	5 ± 0.2*	986.3 ± 76.4*	122.6 ± 29.6**	28.7 ± 13.5**	0.1 ± 0	23.6 ± 1.9
800 ppm	5.1 ± 0.2**	850.8 ± 105.5**	419.7 ± 283.4**	73 ± 51.6**	0.1 ± 0	24.1 ± 2.7

*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 24

0 ppm	70.2 ± 3.2	767.8 ± 188.7	0.5 ± 0	13.5 ± 6.8	6.7 ± 0.1	14.3 ± 3.4
50 ppm	82.4 ± 7.5**	820.2 ± 225.1	0.5 ± 0	13.8 ± 3.1	6.6 ± 0.2	13.8 ± 4
100 ppm	81.7 ± 7.1**	700.6 ± 198.3	0.5 ± 0	14.1 ± 8.6	6.9 ± 0.2	24 ± 14.7*
200 ppm	83.6 ± 3.6**	775 ± 383	0.5 ± 0	14.5 ± 5.6	6.9 ± 0.3	33.2 ± 7.1**
400 ppm	81.3 ± 5.4**	1116.3 ± 693.4	0.5 ± 0.1	17.6 ± 6.6	6.9 ± 0.3*	54.7 ± 11.3**
800 ppm	90.8 ± 7.9**	1172.8 ± 266.3*	0.5 ± 0.1	78.8 ± 55.3**	7 ± 0.3*	250.8 ± 200.7**

*p < 0.05

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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
Day 24						
0 ppm	4.7 ± 0.2	835.1 ± 92	31.6 ± 3.1	9.6 ± 4.6	0 ± 0	23 ± 2.5
50 ppm	4.7 ± 0.2	842 ± 58.7	35.1 ± 5.2	12.7 ± 5.9	0 ± 0	24.4 ± 1.9
100 ppm	4.6 ± 0.2	803.4 ± 66.5	35.5 ± 3.3*	11.6 ± 4.7	0 ± 0	26.7 ± 2.6
200 ppm	4.5 ± 0.2	833 ± 85.4	37.9 ± 4**	15.7 ± 6.3*	0 ± 0	22.3 ± 1.9
400 ppm	4.5 ± 0.2	848 ± 45.1	43.8 ± 8.1**	23.8 ± 11.6**	0 ± 0	26 ± 1.6
800 ppm	4.6 ± 0.2	674.5 ± 80.8**	95.8 ± 23.1**	67.2 ± 41.7**	0 ± 0	21.8 ± 2.3

*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
Day 24						
0 ppm	88.5 ± 7.8	417.2 ± 132.2	0.6 ± 0	7.5 ± 2.7	6.4 ± 0.3	20.7 ± 3.7
50 ppm	105.7 ± 6.4**	729.1 ± 567	0.6 ± 0	13.8 ± 9.4	6.5 ± 0.2	18.8 ± 2.8
100 ppm	105.8 ± 7.8**	568.1 ± 311.9	0.6 ± 0	9.3 ± 5.3	6.3 ± 0.3	21.8 ± 3
200 ppm	116.6 ± 6.9**	528.5 ± 255.4	0.6 ± 0.1	11.3 ± 4.1	6.2 ± 0.3	29 ± 5.6**
400 ppm	110.9 ± 7**	539.1 ± 220.9	0.6 ± 0	11.1 ± 4.5	6 ± 0.2	30.1 ± 7.3**
800 ppm	117.4 ± 12.2**	902.3 ± 421.5**	0.6 ± 0	22.2 ± 7.3**	6.3 ± 0.3	51.8 ± 15.6**

** END OF REPORT **

*p < 0.05

**p < 0.01

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