

Experiment Number: 93027-21
Species/Strain: Rat/Sprague-Dawley

P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/26/2014
Time Report Requested: 07:32:37
First Dose M/F: NA / NA
Lab: NA

C Number:	C93027B
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male

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MALE

Treatment Groups	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g	Cholesterol mg per dL	Estradiol pg per mL	Follicle Stimulating Hormone ng per mL
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Day 91

0 ppm	485.9 ± 60.5	74.7 ± 18	55.3 ± 26	119.5 ± 12.1	96.5 ± 7	6.1 ± 0.9
10 ppm	451.6 ± 40.4	70.8 ± 10.5	38.4 ± 9.2	122 ± 13.3	92.5 ± 5.9	6.1 ± 1.3
100 ppm	559.6 ± 149.4	74.2 ± 17.4	54.9 ± 28.8	195.1 ± 29.4**	109.1 ± 11.8	5.5 ± 1
1000 ppm	788.3 ± 167.5**	101.4 ± 25.6**	79.9 ± 32.9	172.2 ± 24.3**	103.8 ± 10.8	7 ± 1.3
8000 ppm	696.9 ± 93.4**	218.9 ± 133.7**	133.4 ± 62.2**	211.7 ± 15**	107.5 ± 7.8	7.6 ± 1.9
16000 ppm	1112.4 ± 158.9**	178.2 ± 50.8**	223.4 ± 57**	231.1 ± 15.2**	96.7 ± 8.7	9 ± 1.7**

*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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Treatment Groups	Luteinizing Hormone ng per mL	SDH IU per L	Testosterone ng per mL	Triglycerides mg per dL
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Day 91

0 ppm	0.4 ± 0.2	29.9 ± 12.1	2.2 ± 2.4	124.1 ± 41.9
10 ppm	0.3 ± 0.2	31 ± 10.3	2.4 ± 1.9	120.9 ± 21.6
100 ppm	0.4 ± 0.2	37.5 ± 11	1.2 ± 1.1	103.6 ± 40.8
1000 ppm	0.4 ± 0.2	53.5 ± 28.4**	1.7 ± 1.6	105 ± 23
8000 ppm	0.4 ± 0.1	140.8 ± 95.7**	1.2 ± 1.1	71.6 ± 19.5**
16000 ppm	0.5 ± 0.4	85.7 ± 55.9**	0.9 ± 1	58.1 ± 10.4**

** END OF REPORT **

*p < 0.05

**p < 0.01

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