

Experiment Number: C61052A

Species/Strain: Rat/Fischer 344

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:43:03

First Dose M/F: NA / NA

Lab: NA

C Number: C61052A

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

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Lab: NA

MALE

Treatment Groups	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
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Day 91

0 ppm	0.1 ± 0.1	45.2 ± 1.1	17.3 ± 0.5	5.7 ± 1.1	20.6 ± 0.8	38.3 ± 0.6
25 ppm	0.1 ± 0	44.8 ± 2.1	17.2 ± 0.8	5.7 ± 1.3	20.7 ± 0.9	38.4 ± 0.6
75 ppm	0.2 ± 0.1	43 ± 1.5**	16.6 ± 0.6**	5.8 ± 1.4	21.1 ± 1*	38.6 ± 0.7
148 ppm	0.1 ± 0.1	42.1 ± 1.3**	16.2 ± 0.6**	5.6 ± 1.4	22.1 ± 0.8**	38.6 ± 0.5
241 ppm	0.1 ± 0.1	42.9 ± 2.2**	16.7 ± 0.9*	5.9 ± 1.7	23 ± 0.9**	38.9 ± 0.6**
475 ppm						

*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	Mean Corpuscular Volume fL	Methemoglobin Pct Hgb %	Monocyte Count 1000 per uL	Nucleated Rbc Per 100 Wbc per 100 WC	Platelet Count 1000 per uL	Red Blood Cell Count million per uL
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Day 91

0 ppm	53.6 ± 2.5	3 ± 3.3	0.2 ± 0.1	0 ± 0	485.8 ± 41.3	8.4 ± 0.4
25 ppm	54 ± 2.8	4.7 ± 3.3	0.2 ± 0.1	0 ± 0	487.9 ± 40.6	8.3 ± 0.6
75 ppm	54.7 ± 2.7*	1.9 ± 2.3	0.2 ± 0.1	0.2 ± 0.9	549.7 ± 57.2	7.9 ± 0.3**
148 ppm	57.1 ± 2.5**	5.9 ± 4.5*	0.1 ± 0.1	1.1 ± 2.2**	580 ± 45.8	7.4 ± 0.4**
241 ppm	59.1 ± 2.6**	9.1 ± 5.7**	0.1 ± 0	2.6 ± 3.5**	515.8 ± 41.8	7.3 ± 0.5**
475 ppm						

*p < 0.05

**p < 0.01

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Treatment Groups	Reticulocyte Percentage %	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
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Day 91

0 ppm	2.9 ± 1.2	1 ± 0.3	6.9 ± 1.3
25 ppm	3.1 ± 1.3	1.2 ± 0.5	7 ± 1.5
75 ppm	4.3 ± 1.8**	1.2 ± 0.4	7.3 ± 1.4
148 ppm	6.3 ± 2.7**	1.1 ± 0.4	6.9 ± 1.5
241 ppm	5.6 ± 2.7**	1.2 ± 0.4	7.2 ± 1.9
475 ppm			

** END OF REPORT **

*p < 0.05

**p < 0.01

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