

Experiment Number: 05164-04

Species/Strain: Mouse/B6C3F1

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:56:44

First Dose M/F: NA / NA

Lab: NA

C Number: C61949

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	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL
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Day 91

0 ppm	45 ± 2.1	17 ± 0.7	5.8 ± 2	35.4 ± 1.3	37.8 ± 1.3	46.9 ± 0.3
30 ppm	45.3 ± 2.6	17 ± 0.5	5.5 ± 2	35 ± 0.8	37.6 ± 1.7	46.5 ± 2
100 ppm	46 ± 1.9	17.2 ± 0.6	5.2 ± 1.5	35 ± 0.8	37.5 ± 0.9	46.5 ± 0.5
300 ppm	44.8 ± 2.4	17 ± 0.7	6.2 ± 2.4	35.6 ± 0.8	38 ± 0.9	46.9 ± 0.6
1000 ppm	45.2 ± 1.3	17 ± 0.5	5.7 ± 1.2	34.9 ± 0.7	37.7 ± 0.8	46.3 ± 1.1
2000 ppm	43 ± 2	16.4 ± 0.5	6.2 ± 1.4	33.3 ± 1.1**	41.9 ± 11.8	43.6 ± 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	Monocyte Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
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Day 91

0 ppm	0 ± 0	812.4 ± 68	9.6 ± 0.5	0.2 ± 0	1.8 ± 0.7	7.7 ± 2.5
30 ppm	0 ± 0.1	775.1 ± 71.4	9.7 ± 0.4	0.2 ± 0	1.5 ± 0.5	7.1 ± 2.4
100 ppm	0.1 ± 0.1	810.9 ± 56.4	9.8 ± 0.4	0.2 ± 0	1.8 ± 0.6	7.1 ± 2.1
300 ppm	0 ± 0.1	838.5 ± 53	9.6 ± 0.4	0.2 ± 0	1.8 ± 0.7	8 ± 2.8
1000 ppm	0.1 ± 0.1	959.5 ± 71.5**	9.8 ± 0.4	0.2 ± 0	2.1 ± 0.5	7.8 ± 1.4
2000 ppm	0 ± 0.1	1161.3 ± 125.4**	9.9 ± 0.5	0.1 ± 0	1.8 ± 0.5	8 ± 1.8

*p < 0.05

**p < 0.01

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FEMALE

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

0 ppm	44 ± 2.4	16.6 ± 0.8	4.8 ± 1.2	35.2 ± 0.8	37.8 ± 0.7	46.6 ± 0.5
30 ppm	44.5 ± 1.2	16.8 ± 0.4	4.7 ± 1.7	35.2 ± 0.7	37.5 ± 0.6	46.9 ± 0.9
100 ppm	44.3 ± 2.8	16.6 ± 0.8	5.2 ± 1.7	34.8 ± 0.8	37.6 ± 0.9	46.3 ± 1.3
300 ppm	44.4 ± 1.7	16.6 ± 0.4	5.5 ± 1.8	35.1 ± 1.1	37.5 ± 0.9	46.9 ± 0.6
1000 ppm	42.7 ± 1.6	16.5 ± 0.5	5.4 ± 1.3	35 ± 1.1	38.7 ± 1.1*	45.4 ± 0.7**
2000 ppm	38.1 ± 3.1**	15 ± 1*	4.7 ± 0.8	31.8 ± 0.5**	39.5 ± 0.7**	40.4 ± 0.7**

*p < 0.05

**p < 0.01

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FEMALE

Treatment Groups	Monocyte Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
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Day 91

0 ppm	0 ± 0	779.3 ± 61.1	9.4 ± 0.6	0.2 ± 0	1 ± 0.6	5.8 ± 1.7
30 ppm	0 ± 0	783.3 ± 59	9.5 ± 0.3	0.2 ± 0	1.4 ± 0.6	6.1 ± 2.2
100 ppm	0 ± 0	770.7 ± 35.4	9.6 ± 0.6	0.2 ± 0	1.2 ± 0.6	6.4 ± 2.1
300 ppm	0.1 ± 0.1	781.1 ± 75.6	9.5 ± 0.4	0.2 ± 0	1.5 ± 0.7	7.2 ± 2.3
1000 ppm	0.1 ± 0.1	895 ± 80.2**	9.4 ± 0.4	0.1 ± 0	1.3 ± 0.6	6.8 ± 1.8
2000 ppm	0.1 ± 0.1	1282.2 ± 290.2**	9.5 ± 0.7	0.2 ± 0	1.1 ± 0.4	5.9 ± 0.9

** END OF REPORT **

*p < 0.05

**p < 0.01

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