

Experiment Number: 92012-04

Species/Strain: Mouse/B6C3F1

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:49:21

First Dose M/F: NA / NA

Lab: NA

C Number: C92012

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

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Lab: NA

MALE

Treatment Groups	Band Neutrophil Count 1000 per microliter	Eosinophil Count	Hematocrit %	Hematocrit Manual %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
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Day 93

0 ppm	0.1 ± 0.1	0.1 ± 0	49.2 ± 2.8	50.4 ± 2.2	15.6 ± 0.6	4.1 ± 1.9
625 ppm	0 ± 0**	0 ± 0	46.9 ± 2.1*	49.1 ± 0.9	15.2 ± 0.4*	2.5 ± 0.8
1250 ppm	0 ± 0*	0 ± 0.1	41.9 ± 3.9**	44.8 ± 3.5**	14.1 ± 1.2**	2.9 ± 0.8
2500 ppm	0 ± 0**	0 ± 0	36.9 ± 1.2**	39.9 ± 1.2**	12.5 ± 0.4**	3.3 ± 0.7
5000 ppm	0 ± 0*	0 ± 0	34.1 ± 1.9**	37.1 ± 2.7**	11.8 ± 0.5**	6.2 ± 2.3*
10000 ppm	0 ± 0**	0 ± 0.1	34.6 ± 2.3**	37.5 ± 2.7**	12 ± 0.5**	9.5 ± 5.3*

*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	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration %	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Per 100 Wbc per 100 WC	Platelet Count 1000 per uL
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Day 93

0 ppm	16.3 ± 0.5	31.9 ± 0.9	51.3 ± 1.4	0.2 ± 0.2	0.1 ± 0.3	901.8 ± 97.5
625 ppm	16.8 ± 0.6	32.4 ± 1	51.9 ± 1	0.1 ± 0.1	0.2 ± 0.4	934.1 ± 61.3
1250 ppm	17.7 ± 0.5**	33.7 ± 0.8**	52.3 ± 0.3*	0.2 ± 0.2	0.1 ± 0.3	948 ± 98.3
2500 ppm	18.3 ± 0.3**	34 ± 0.4**	54 ± 0.5**	0.2 ± 0.2	0 ± 0	1183.5 ± 63.2**
5000 ppm	19.8 ± 0.7**	34.5 ± 0.8**	57.1 ± 1**	0.2 ± 0.2	0.2 ± 0.4	1243.5 ± 175.2**
10000 ppm	20.4 ± 1**	34.8 ± 1.2**	58.7 ± 1.4**	0.4 ± 0.3	0 ± 0	1247.7 ± 195.5**

*p < 0.05

**p < 0.01

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MALE

Treatment Groups	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 93

0 ppm	9.6 ± 0.5	0.2 ± 0	0.6 ± 0.2	5 ± 2.1
625 ppm	9 ± 0.4*	0.2 ± 0.1	0.4 ± 0.2	2.9 ± 0.9
1250 ppm	8 ± 0.7**	0.3 ± 0.1**	1 ± 1.5	4.1 ± 1.8
2500 ppm	6.8 ± 0.2**	0.5 ± 0.1**	0.6 ± 0.5	4.2 ± 1.1
5000 ppm	6 ± 0.4**	0.8 ± 0.3**	1 ± 0.8	7.4 ± 2.4
10000 ppm	5.9 ± 0.5**	0.9 ± 0.1**	1.4 ± 1.3	11.2 ± 6.3*

*p < 0.05

**p < 0.01

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Lab: NA

FEMALE

Treatment Groups	Band Neutrophil Count 1000 per microliter	Eosinophil Count	Hematocrit %	Hematocrit Manual %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
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Day 93

0 ppm	0 ± 0	0 ± 0	48.7 ± 2.8	50.2 ± 1.7	15.9 ± 0.5	3 ± 0.8
625 ppm	0 ± 0	0.1 ± 0.1	47.9 ± 1.8	50 ± 1.4	15.6 ± 0.4	3.1 ± 0.5
1250 ppm	0 ± 0	0 ± 0	46.7 ± 1.8	48.6 ± 1.5*	15.3 ± 0.4**	3.3 ± 0.6
2500 ppm	0 ± 0	0 ± 0	43.8 ± 2.1**	46.3 ± 2.1**	14.6 ± 0.4**	3.3 ± 1.3
5000 ppm	0 ± 0	0 ± 0	40.4 ± 1.3**	43 ± 1.2**	13.8 ± 0.4**	3.3 ± 0.6
10000 ppm	0 ± 0.1	0 ± 0	41.5 ± 2.1**	43.4 ± 1.8**	14.1 ± 0.7**	3.3 ± 1.3

*p < 0.05

**p < 0.01

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Treatment Groups	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration %	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Per 100 Wbc per 100 WC	Platelet Count 1000 per uL
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Day 93

0 ppm	16.6 ± 0.6	32.7 ± 1.6	50.7 ± 1.3	0.2 ± 0.1	0.2 ± 0.4	846.6 ± 89.6
625 ppm	16.8 ± 0.5	32.5 ± 0.8	51.5 ± 0.7	0.1 ± 0.1	0 ± 0	801.6 ± 64.3
1250 ppm	16.9 ± 0.4*	32.7 ± 0.8	51.8 ± 0.9	0.1 ± 0.1	0.4 ± 0.7	871.5 ± 83
2500 ppm	17.7 ± 0.6**	33.4 ± 0.9	53 ± 0.5**	0.2 ± 0.2	0.2 ± 0.6	943.7 ± 80.6*
5000 ppm	18.7 ± 0.4**	34.3 ± 0.4**	54.6 ± 0.8**	0.1 ± 0.1	0.6 ± 0.8	1042.5 ± 89**
10000 ppm	18.7 ± 0.3**	33.9 ± 0.4**	55.1 ± 0.7**	0.1 ± 0.1	0.3 ± 0.7	1038.7 ± 99.2**

*p < 0.05

**p < 0.01

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Treatment Groups	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 93

0 ppm	9.6 ± 0.5	0.2 ± 0	0.5 ± 0.2	3.7 ± 0.9
625 ppm	9.3 ± 0.4	0.2 ± 0.1	0.4 ± 0.2	3.6 ± 0.6
1250 ppm	9 ± 0.3**	0.2 ± 0.1	0.6 ± 0.3	4.1 ± 0.9
2500 ppm	8.3 ± 0.4**	0.3 ± 0.1**	0.5 ± 0.1	4 ± 1.5
5000 ppm	7.4 ± 0.3**	0.5 ± 0.1**	0.6 ± 0.2	4 ± 0.8
10000 ppm	7.5 ± 0.5**	0.4 ± 0.1**	0.6 ± 0.5	4.1 ± 1.6

** END OF REPORT **

*p < 0.05

**p < 0.01

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