Experiment Number: 93025-04
Species/Strain: Mouse/B6C3F1

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/26/2014
Time Report Requested: 05:13:14
First Dose M/F: NA / NA
Lab: NA

C Number:	C93025
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both

MALE

Treatment Groups	Eosinophil Percentage %	Hematocrit %	Hematocrit Manual %	Hemoglobin g per dL	Lymphocyte Percentage %	Mean Cell Hemoglobin pg
Day 96						
0 ppm	1.6 ± 1.5	48.4 ± 1.1	49.5 ± 1.2	15.7 ± 0.3	83.7 ± 5.6	15.9 ± 0.2
7.5 ppm	1 ± 0.8	47.2 ± 1	48.1 ± 1.2	15.2 ± 0.4	83.9 ± 6.4	15.6 ± 0.3
15 ppm	1.9 ± 1.7	47.5 ± 2.1	48.6 ± 2.1	15.5 ± 0.7	84.7 ± 3.2	16 ± 0.3
30 ppm	1.5 ± 1.2	47.5 ± 1	**48.2 ± 1***	15.5 ± 0.4	80.9 ± 5.1	16.2 ± 0.4
60 ppm	1.2 ± 0.9	**46.8 ± 1.3***	**48.2 ± 1.2***	15.7 ± 0.4	86.4 ± 3.7	**16.9 ± 0.3***
120 ppm	1.5 ± 1.4	**45.6 ± 1.3***	**47.2 ± 0.7***	16.1 ± 0.4	81.3 ± 7	**17.8 ± 0.4***

*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.

MALE

Treatment Groups	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Percentage %	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL
Day 96						
0 ppm	32.5 ± 0.4	49 ± 0.8	2.2 ± 2.3	2.4 ± 0.9	731.6 ± 53.2	9.9 ± 0.2
7.5 ppm	32.3 ± 0.6	48.4 ± 0.5	1.2 ± 1.5	2.2 ± 0.6	730.9 ± 34.4	9.8 ± 0.2
15 ppm	32.6 ± 0.6	49 ± 0.7	1.7 ± 1.6	2.7 ± 0.8	759.6 ± 32.2	9.7 ± 0.4
30 ppm	32.6 ± 0.4	49.6 ± 1	2.7 ± 2	2.7 ± 0.7	760 ± 42.1	**9.6 ± 0.2****
60 ppm	**33.6 ± 0.5****	**50.3 ± 0.7****	1.7 ± 1.2	2.8 ± 0.6	**785.5 ± 37***	**9.3 ± 0.3****
120 ppm	**35.3 ± 0.5****	**50.4 ± 0.8****	2 ± 0.9	**3.7 ± 1.3***	**817.7 ± 30.5****	**9.1 ± 0.3****

*p < 0.05

**p < 0.01

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MALE

Treatment Groups	Reticulocyte Percentage count per 100 RBC	Segmented Neutrophil Percentage %

Day 96

Treatment Groups	Reticulocyte Percentage count per 100 RBC	Segmented Neutrophil Percentage %
0 ppm	15.2 ± 5.3	12.4 ± 4.3
7.5 ppm	17.7 ± 5.5	13.9 ± 5.6
15 ppm	23.5 ± 8.9	11.7 ± 4.3
30 ppm	16.8 ± 7.2	14.9 ± 4.8
60 ppm	**24.2 ± 6.7****	10.7 ± 4.2
120 ppm	**27.1 ± 9.7****	15.2 ± 6.2

*p < 0.05

**p < 0.01

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FEMALE

Treatment Groups	Eosinophil Percentage %	Hematocrit %	Hematocrit Manual %	Hemoglobin g per dL	Lymphocyte Percentage %	Mean Cell Hemoglobin pg
Day 96						
0 ppm	0.8 ± 0.9	48.8 ± 0.9	49.2 ± 1.1	16 ± 0.4	90.4 ± 2.4	16.2 ± 0.3
7.5 ppm	1.2 ± 0.6	48.8 ± 1.5	49.9 ± 1.3	16 ± 0.4	89.1 ± 3.5	16.2 ± 0.2
15 ppm	0.9 ± 1.1	47.7 ± 1.1	49.4 ± 1.4	15.8 ± 0.5	91.4 ± 3.9	16.5 ± 0.3
30 ppm	0.4 ± 0.5	47.6 ± 1.7	49.1 ± 1.6	15.7 ± 0.5	91.9 ± 2.8	**16.5 ± 0.3***
60 ppm	1 ± 1.1	**46.9 ± 1.5****	48.3 ± 1.7	15.7 ± 0.5	88.3 ± 5.5	**16.7 ± 0.3****
120 ppm	0.6 ± 0.7	**45.8 ± 1.3****	**47.5 ± 1.5***	16 ± 0.5	87.8 ± 4.3	**17.9 ± 0.4****

*p < 0.05
**p < 0.01

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FEMALE

Treatment Groups	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Percentage %	Nucleated Rbc Count 1000 per uL	Nucleated Rbc Per 100 Wbc per 100 WC	Platelet Count 1000 per uL
Day 96						
0 ppm	32.8 ± 0.4	49.3 ± 0.5	0.6 ± 1.1	2.7 ± 0.6	0 ± 0	723.3 ± 52.1
7.5 ppm	32.9 ± 0.7	49.3 ± 0.8	0.5 ± 1.1	2.6 ± 0.5	0 ± 0	761.7 ± 62.8
15 ppm	33.1 ± 0.6	49.6 ± 0.5	0.3 ± 0.7	2.5 ± 0.3	0.1 ± 0.3	752.1 ± 50.2
30 ppm	33.1 ± 0.5	**49.9 ± 0.6***	0.4 ± 0.7	2.6 ± 0.7	0.1 ± 0.3	740.7 ± 44.4
60 ppm	**33.4 ± 0.4***	**50.1 ± 0.6****	0.7 ± 1.6	3.3 ± 1.1	0.2 ± 0.4	**827.7 ± 40.5****
120 ppm	**35 ± 0.6****	**51.3 ± 0.7****	0.6 ± 0.8	3 ± 0.8	0 ± 0	**827.2 ± 71.3****

*p < 0.05

**p < 0.01

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FEMALE

Treatment Groups	Red Blood Cell Count million per uL	Reticulocyte Percentage count per 100 RBC	Segmented Neutrophil Percentage %
		Day 96	
0 ppm	9.9 ± 0.2	26.8 ± 4.8	8.2 ± 1.6
7.5 ppm	9.9 ± 0.3	27.1 ± 4.6	9.2 ± 3.3
15 ppm	**9.6 ± 0.2***	28.4 ± 6.7	7.4 ± 3.8
30 ppm	**9.5 ± 0.3***	**34 ± 5***	7.3 ± 2.4
60 ppm	**9.4 ± 0.3****	**38.1 ± 4.7****	10 ± 4.4
120 ppm	**8.9 ± 0.2****	**41.6 ± 7.1****	11 ± 4.6

** END OF REPORT **

*p < 0.05

**p < 0.01

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