

**Experiment Number:** 92013-04

**Species/Strain:** Mouse/B6C3F1

**P43: Terminal Sacrifice Hematology Data**

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 02:06:55

**First Dose M/F:** NA / NA

**Lab:** NA

**C Number:** C92013

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Both

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First Dose M/F: NA / NA

Lab: NA

MALE

Treatment Groups	Band Neutrophil Percentage %	Basophil Percentage %	Eosinophil Percentage %	Hematocrit %	Hematocrit Manual %	Hemoglobin g per dL
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Day 93

0 ppm	0 ± 0	0 ± 0	0 ± 0	48.4 ± 2.4	49.1 ± 1.8	15.4 ± 0.6
625 ppm	0 ± 0	0 ± 0	0.9 ± 2.8	47 ± 0.9	48.3 ± 0.8	15.1 ± 0.3
1250 ppm	0 ± 0	0 ± 0	0 ± 0	47.1 ± 1.7	47.3 ± 1.6	15.1 ± 0.6
2500 ppm	0 ± 0	0 ± 0	0 ± 0	47.9 ± 1.5	48.9 ± 1.5	15.5 ± 0.4
5000 ppm	0 ± 0	0 ± 0	0 ± 0	46.7 ± 3	48.8 ± 1.6	15 ± 0.7
10000 ppm	0 ± 0*	0 ± 0	0 ± 0	46.8 ± 2.5	47.4 ± 0.9	15.2 ± 0.3

\*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	Lymphocyte Percentage %	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration %	Mean Corpuscular Volume fL	Monocyte Percentage %	Neutrophil Percentage %
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Day 93

<b>0 ppm</b>	3.7 ± 2.2	16.1 ± 0.5	31.9 ± 0.8	50.6 ± 0.9	0.1 ± 0.1	0.6 ± 0.6
<b>625 ppm</b>	2.1 ± 0.6	16.4 ± 0.3	32.1 ± 0.3	51.1 ± 1	0 ± 0	0.2 ± 0.1
<b>1250 ppm</b>	2.3 ± 1.2	16.1 ± 0.2	32 ± 0.5	50.3 ± 0.8	0 ± 0.1	0.2 ± 0.2
<b>2500 ppm</b>	2.7 ± 1.4	16.2 ± 0.4	32.5 ± 0.5	49.9 ± 1	0.1 ± 0.1	0.5 ± 0.4
<b>5000 ppm</b>	2.6 ± 1.3	16.2 ± 0.5	32.2 ± 0.9	50.5 ± 0.8	0 ± 0	0.3 ± 0.2
<b>10000 ppm</b>	2.3 ± 0.5	15.9 ± 0.6	32.5 ± 1.3	<b>48.9 ± 0.6**</b>	0.1 ± 0.1	0.6 ± 0.7

\*p < 0.05

\*\*p < 0.01

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MALE

Treatment Groups	Nucleated Rbc Per 100 Wbc per 100 WC	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Percentage %	White Blood Cell Count 1000 per uL
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Day 93

0 ppm	0.1 ± 0.3	859.8 ± 46	9.6 ± 0.5	0.2 ± 0	4.5 ± 2.7
625 ppm	0.1 ± 0.3	902.6 ± 71.9	9.2 ± 0.3	0.1 ± 0.1	2.3 ± 0.5
1250 ppm	0.2 ± 0.6	902.3 ± 70.8	9.4 ± 0.4	0.2 ± 0	2.7 ± 1.3
2500 ppm	0 ± 0	893.2 ± 72.5	9.6 ± 0.4	0.2 ± 0	3.3 ± 1.9
5000 ppm	0.1 ± 0.3	842.2 ± 68.5	9.3 ± 0.6	0.1 ± 0	2.9 ± 1.2
10000 ppm	0 ± 0	805.9 ± 49.7	9.6 ± 0.4	0.1 ± 0.1	3.1 ± 1

\*p < 0.05

\*\*p < 0.01

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First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Treatment Groups	Band Neutrophil Percentage %	Basophil Percentage %	Eosinophil Percentage %	Hematocrit %	Hematocrit Manual %	Hemoglobin g per dL
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**Day 93**

<b>0 ppm</b>	0 ± 0	0 ± 0	0 ± 0	47.9 ± 1.3	49.4 ± 0.7	15.7 ± 0.4
<b>625 ppm</b>	0 ± 0	0 ± 0	0 ± 0	<b>46.5 ± 1*</b>	48.2 ± 1.3	<b>15.2 ± 0.2**</b>
<b>1250 ppm</b>	0 ± 0	0 ± 0	0 ± 0	<b>46 ± 0.8**</b>	<b>48.1 ± 0.9*</b>	<b>15.2 ± 0.3**</b>
<b>2500 ppm</b>	0 ± 0	0 ± 0	0 ± 0	<b>45.3 ± 2**</b>	<b>47.6 ± 1.5*</b>	<b>14.8 ± 0.5**</b>
<b>5000 ppm</b>	0 ± 0	0 ± 0	0 ± 0	<b>45.7 ± 1.1**</b>	<b>48 ± 1.4*</b>	<b>14.9 ± 0.4**</b>
<b>10000 ppm</b>	0 ± 0	0 ± 0	0.1 ± 0.1	<b>45 ± 1.3**</b>	<b>14.8 ± 0.3**</b>	3.4 ± 0.9

\*p < 0.05

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FEMALE

Treatment Groups	Lymphocyte Percentage %	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration %	Mean Corpuscular Volume fL	Monocyte Percentage %	Neutrophil Percentage %
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Day 93

<b>0 ppm</b>	2.9 ± 0.9	16.5 ± 0.5	32.7 ± 0.8	50.4 ± 1	0.1 ± 0	0.5 ± 0.2
<b>625 ppm</b>	2.5 ± 0.5	16.4 ± 0.4	32.6 ± 0.8	50.2 ± 0.8	0.1 ± 0.1	0.4 ± 0.3
<b>1250 ppm</b>	2.5 ± 1	16.5 ± 0.3	33 ± 0.4	49.9 ± 0.9	0.1 ± 0.1	0.6 ± 0.6
<b>2500 ppm</b>	1.9 ± 0.5	16.2 ± 0.4	32.8 ± 0.8	49.5 ± 0.8	0.1 ± 0.1	0.5 ± 0.3
<b>5000 ppm</b>	1.6 ± 0.4	16.2 ± 0.4	32.5 ± 0.5	49.9 ± 0.9	0.1 ± 0	0.6 ± 0.4
<b>10000 ppm</b>	15.9 ± 0.3	32.9 ± 0.5	<b>48.3 ± 0.8**</b>	0.1 ± 0	0.5 ± 0.2	721 ± 99

\*p < 0.05

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FEMALE

Treatment Groups	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Percentage %	White Blood Cell Count 1000 per uL
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Day 93

0 ppm	823.7 ± 74	9.5 ± 0.4	0.2 ± 0	3.5 ± 0.8
625 ppm	862.6 ± 46.6	9.3 ± 0.2	0.2 ± 0	3.1 ± 0.8
1250 ppm	891 ± 43.6	9.2 ± 0.2	0.1 ± 0	3.3 ± 1.2
2500 ppm	852.5 ± 67	9.1 ± 0.4	0.1 ± 0	2.5 ± 0.8
5000 ppm	799.9 ± 68.8	9.2 ± 0.3	0.2 ± 0.1	2.3 ± 0.8
10000 ppm	9.3 ± 0.3	0.2 ± 0.1	4 ± 1.2	

\*\* END OF REPORT \*\*

\*p < 0.05

\*\*p < 0.01

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