

**Experiment Number:** 05217-01

**Species/Strain:** Rat/Fischer 344

**P43: Terminal Sacrifice Hematology Data**

**Date Report Requested:** 10/24/2014

**Time Report Requested:** 13:13:59

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

**Lab:** NA

**C Number:** C62157

**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	Activated Partial Thromboplastin Time s	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg
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Day 91

<b>0 ppm</b>	19.9 ± 3.5	0.1 ± 0.1	44.9 ± 2.6	15.2 ± 0.8	7.6 ± 1	18.3 ± 1.3
<b>2500 ppm</b>	19.4 ± 3.1	0.1 ± 0.1	44.8 ± 1.2	15.2 ± 0.4	7.9 ± 1	18.1 ± 1.3
<b>5000 ppm</b>	18.3 ± 1.8	0.1 ± 0.1	44.3 ± 2.5	14.9 ± 0.9	7.6 ± 1.4	18.1 ± 1.3
<b>10000 ppm</b>	19.8 ± 3.1	0.1 ± 0.1	<b>43.5 ± 1.6**</b>	<b>14.7 ± 0.6**</b>	7.6 ± 1.2	18.2 ± 1.1

\*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	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Prothrombin Time s
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**Day 91**

<b>0 ppm</b>	34 ± 0.8	54 ± 4.2	0.1 ± 0.2	0.1 ± 0.1	760.9 ± 129.6	10.6 ± 1
<b>2500 ppm</b>	33.9 ± 0.5	53.5 ± 3.9	0 ± 0.1	0.1 ± 0.1	742.3 ± 105	10.3 ± 0.8
<b>5000 ppm</b>	33.7 ± 0.6	54 ± 4.1	0.1 ± 0.1	0.1 ± 0.1	788.1 ± 131.9	11 ± 0.8
<b>10000 ppm</b>	33.8 ± 0.7	53.9 ± 4.1	0 ± 0.1	0.1 ± 0.1	798.9 ± 120.5	10.2 ± 1

\*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 91**

<b>0 ppm</b>	8.4 ± 0.8	0.2 ± 0.1	1.2 ± 0.5	9 ± 1.1
<b>2500 ppm</b>	8.4 ± 0.7	0.2 ± 0.1	1 ± 0.3	9 ± 1.2
<b>5000 ppm</b>	8.3 ± 0.7	0.2 ± 0.1	0.9 ± 0.4	8.7 ± 1.4
<b>10000 ppm</b>	8.1 ± 0.8	0.2 ± 0.1	1.1 ± 0.5	8.9 ± 1.4

\*p < 0.05

\*\*p < 0.01

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FEMALE

Treatment Groups	Activated Partial Thromboplastin Time s	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg
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Day 91

0 ppm	20.1 ± 3.2	0.1 ± 0.1	45 ± 1.9	14.9 ± 0.6	6.2 ± 1.3	18.7 ± 1.1
2500 ppm	21.2 ± 4.8	0.1 ± 0.1	44.8 ± 2.1	14.8 ± 0.7	6.7 ± 1.3	18.6 ± 1.1
5000 ppm	20.9 ± 2.9	0.1 ± 0.1	44.5 ± 1.6	14.8 ± 0.7	7 ± 1	18.6 ± 1.2
10000 ppm	20.1 ± 3.2	0.1 ± 0.1	44.3 ± 2.3	14.7 ± 0.7	<b>7.2 ± 1.3*</b>	18.5 ± 1

\*p < 0.05

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**FEMALE**

Treatment Groups	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Prothrombin Time s
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**Day 91**

<b>0 ppm</b>	33.2 ± 0.4	56.1 ± 3.4	0.2 ± 0.3	0.1 ± 0.1	801.2 ± 117.7	9.8 ± 1.1
<b>2500 ppm</b>	33.1 ± 0.5	56.4 ± 3.3	0.2 ± 0.3	0.1 ± 0.1	848.2 ± 141.9	9.8 ± 0.9
<b>5000 ppm</b>	33.3 ± 0.6	56 ± 3	0.2 ± 0.2	0.1 ± 0.1	839 ± 160.4	10.2 ± 1.2
<b>10000 ppm</b>	33.1 ± 0.5	55.8 ± 2.9	0.3 ± 0.2	0.1 ± 0.1	818.3 ± 107.5	10.2 ± 1.2

\*p < 0.05

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FEMALE

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 91

0 ppm	8 ± 0.4	0.2 ± 0.1	1.3 ± 0.6	7.8 ± 1.8
2500 ppm	8 ± 0.3	0.2 ± 0.1	1.2 ± 0.5	8.1 ± 1.3
5000 ppm	8 ± 0.3	0.2 ± 0.1	1.1 ± 0.4	8.3 ± 1
10000 ppm	7.9 ± 0.3	0.2 ± 0.1	1 ± 0.3	8.5 ± 1.4

\*p < 0.05

\*\*p < 0.01

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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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**\*\* END OF REPORT \*\***

\*p < 0.05

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