

**Experiment Number:** 05142-05

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

**P43: Terminal Sacrifice Hematology Data**

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

**Time Report Requested:** 11:18:58

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

**Lab:** NA

**C Number:** C55367C

**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	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
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Day 91

<b>0 ppm</b>	0 ± 0.1	51.7 ± 1.5	15.8 ± 0.5	6.8 ± 1.2	16.5 ± 0.2	30.7 ± 0.4
<b>135 ppm</b>	0.1 ± 0.1	50.3 ± 1.2	15.4 ± 0.3	6.5 ± 1.7	16.3 ± 0.4	30.6 ± 0.7
<b>270 ppm</b>	0 ± 0.1	50.2 ± 1.2	15.4 ± 0.4	6 ± 0.7	16.4 ± 0.3	30.6 ± 0.4
<b>540 ppm</b>	0.1 ± 0.1	50.8 ± 1.7	15.6 ± 0.4	6.4 ± 1.3	16.4 ± 0.3	30.7 ± 0.4
<b>1080 ppm</b>	0.1 ± 0.1	<b>49.2 ± 2**</b>	<b>15 ± 0.7**</b>	7.2 ± 0.6	16.3 ± 0.4	30.5 ± 0.5
<b>2100 ppm</b>	0.1 ± 0.1	<b>49.3 ± 1.5**</b>	<b>15.1 ± 0.5**</b>	6.1 ± 1.3	16.5 ± 0.4	30.6 ± 0.5

\*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 Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL
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Day 91

0 ppm	53.8 ± 0.8	0 ± 0	0 ± 0	570 ± 64.1	9.6 ± 0.3	0.1 ± 0
135 ppm	53.4 ± 0.7	0 ± 0	0 ± 0	543.8 ± 45.5	9.4 ± 0.2	0.1 ± 0
270 ppm	53.5 ± 0.7	0 ± 0.1	0 ± 0	532.4 ± 25.2	9.4 ± 0.2	0.1 ± 0
540 ppm	53.4 ± 0.7	0 ± 0	0 ± 0.1	554.8 ± 70.2	8.5 ± 3	0.1 ± 0.1
1080 ppm	53.4 ± 0.5	0 ± 0	0 ± 0.1	580.3 ± 42	<b>9.2 ± 0.4**</b>	0.1 ± 0
2100 ppm	54 ± 0.5	0 ± 0	0 ± 0.1	594.6 ± 104.2	<b>9.1 ± 0.3**</b>	0.1 ± 0

\*p < 0.05

\*\*p < 0.01

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**MALE**

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Treatment Groups	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
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**Day 91**

<b>0 ppm</b>	1.5 ± 0.5	8.4 ± 1.2
<b>135 ppm</b>	1.2 ± 0.5	7.9 ± 2
<b>270 ppm</b>	1.1 ± 0.3	7.2 ± 0.9
<b>540 ppm</b>	1.3 ± 0.5	7.8 ± 1.4
<b>1080 ppm</b>	1.4 ± 0.4	8.8 ± 0.8
<b>2100 ppm</b>	1.8 ± 1.3	8 ± 1.8

\*p < 0.05

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Lab: NA

FEMALE

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

<b>0 ppm</b>	0.1 ± 0.1	50.3 ± 1.5	15.4 ± 0.5	5.6 ± 1	17.7 ± 0.4	30.7 ± 0.5
<b>135 ppm</b>	0 ± 0	50.9 ± 1.6	15.5 ± 0.6	5.3 ± 1.3	17.5 ± 0.3	30.5 ± 0.4
<b>270 ppm</b>	0.1 ± 0.1	50.3 ± 1.3	15.6 ± 0.5	6 ± 1.3	17.7 ± 0.3	30.9 ± 0.4
<b>540 ppm</b>	0.1 ± 0.1	50.3 ± 1	15.4 ± 0.1	5.7 ± 1.5	17.6 ± 0.3	30.7 ± 0.7
<b>1080 ppm</b>	0.1 ± 0.1	50.6 ± 1.8	15.6 ± 0.5	5 ± 0.6	17.7 ± 0.4	30.8 ± 0.5
<b>2100 ppm</b>	0.1 ± 0.1	50.2 ± 1.4	15.4 ± 0.5	4.2 ± 1.2	17.6 ± 0.5	30.6 ± 0.6

\*p < 0.05

\*\*p < 0.01

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FEMALE

Treatment Groups	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL
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Day 91

0 ppm	57.7 ± 0.7	0 ± 0	0 ± 0	579.8 ± 53.8	8.7 ± 0.2	0.1 ± 0
135 ppm	57.3 ± 0.8	0 ± 0	0.1 ± 0.1	532.7 ± 98.8	8.9 ± 0.3	0.1 ± 0
270 ppm	57.3 ± 0.7	0 ± 0	0 ± 0.1	541.3 ± 37.4	8.8 ± 0.3	0.1 ± 0
540 ppm	57.4 ± 0.7	0 ± 0	0.1 ± 0.1	535.5 ± 64.6	8.8 ± 0.2	0.1 ± 0
1080 ppm	57.5 ± 0.5	0 ± 0.1	0 ± 0	578.1 ± 54.4	8.8 ± 0.3	0.1 ± 0
2100 ppm	57.5 ± 1	0 ± 0	0.1 ± 0.1	583.3 ± 52.5	8.7 ± 0.2	0.1 ± 0

\*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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First Dose M/F: NA / NA

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**FEMALE**

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Treatment Groups	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
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**Day 91**

<b>0 ppm</b>	1 ± 0.3	6.7 ± 1.2
<b>135 ppm</b>	1 ± 0.4	6.4 ± 1.6
<b>270 ppm</b>	1.3 ± 0.4	7.4 ± 1.6
<b>540 ppm</b>	1.2 ± 0.3	7 ± 1.8
<b>1080 ppm</b>	1.3 ± 0.8	6.5 ± 1
<b>2100 ppm</b>	1.2 ± 0.5	5.4 ± 1.4

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

\*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.