

**Experiment Number:** 88124-03

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

**P43: Terminal Sacrifice Hematology Data**

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

**Time Report Requested:** 13:22:03

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

**Lab:** NA

**C Number:** C88124

**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	Basophil Percentage %	Eosinophil Percentage %	Hematocrit %	Hematocrit Manual %	Hemoglobin g per dL	Lymphocyte Percentage %
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Day 92

<b>0 mg/m3</b>	1 ± 0.6	0.5 ± 0.2	44.4 ± 1.1	44.4 ± 1.2	14.3 ± 0.4	79.3 ± 3.3
<b>0.03 mg/m3</b>	0.7 ± 0.3	0.5 ± 0.1	<b>46.4 ± 1.4**</b>	<b>46.4 ± 1.3**</b>	<b>15.1 ± 0.4**</b>	76.7 ± 3.4
<b>0.1 mg/m3</b>	0.9 ± 0.5	0.5 ± 0.1	<b>47.7 ± 1.7**</b>	<b>47.4 ± 1.4**</b>	<b>15.4 ± 0.4**</b>	76.3 ± 3.9
<b>0.3 mg/m3</b>	1.2 ± 0.6	0.5 ± 0.3	<b>48.8 ± 0.9**</b>	<b>48.8 ± 1**</b>	<b>15.7 ± 0.2**</b>	75.7 ± 3.8

\*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 g per dL	Mean Corpuscular Volume fL	Monocyte Percentage %	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL
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Day 92

<b>0 mg/m3</b>	18 ± 0.3	32.3 ± 0.7	55.7 ± 0.9	3.4 ± 1.1	6.6 ± 1.1	534.1 ± 35.7
<b>0.03 mg/m3</b>	18.1 ± 0.3	32.5 ± 0.7	55.8 ± 0.6	4.1 ± 0.9	7.1 ± 0.8	560.7 ± 31.3
<b>0.1 mg/m3</b>	18.2 ± 0.3	32.3 ± 0.6	56.3 ± 0.7	5.1 ± 4.7	7.1 ± 0.7	551.3 ± 35.4
<b>0.3 mg/m3</b>	18.1 ± 0.3	32.2 ± 0.6	56.2 ± 0.9	3.9 ± 1.4	6.4 ± 0.7	549.8 ± 24.9

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MALE

Treatment Groups	Red Blood Cell Count million per uL	Reticulocyte Percentage count per 100 RBC	Segmented Neutrophil Percentage %
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Day 92

0 mg/m3	8 ± 0.2	140.5 ± 45.5	15.8 ± 3
0.03 mg/m3	8.3 ± 0.3*	166.8 ± 45.1	18 ± 3
0.1 mg/m3	8.5 ± 0.2**	141.2 ± 31.7	18.6 ± 3
0.3 mg/m3	8.7 ± 0.2**	148.1 ± 41.2	18.7 ± 2.9

\*p < 0.05

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FEMALE

Treatment Groups	Basophil Percentage %	Eosinophil Percentage %	Hematocrit %	Hematocrit Manual %	Hemoglobin g per dL	Lymphocyte Percentage %
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Day 92

<b>0 mg/m3</b>	0.6 ± 0.3	0.4 ± 0.1	44.9 ± 1.3	45.2 ± 1.1	14.9 ± 0.4	77.1 ± 2.7
<b>0.03 mg/m3</b>	0.6 ± 0.4	0.4 ± 0.1	<b>46.3 ± 1.3*</b>	46.3 ± 1.2	<b>15.2 ± 0.3*</b>	72 ± 2.6
<b>0.1 mg/m3</b>	0.8 ± 0.3	0.4 ± 0.1	<b>47.1 ± 1.6**</b>	<b>47 ± 1.4**</b>	<b>15.4 ± 0.3**</b>	71 ± 4
<b>0.3 mg/m3</b>	0.5 ± 0.3	0.5 ± 0.2	<b>47.9 ± 0.6**</b>	<b>48 ± 1.2**</b>	<b>15.8 ± 0.3**</b>	73.7 ± 3.1

\*p < 0.05

\*\*p < 0.01

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**FEMALE**

Treatment Groups	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Percentage %	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL
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**Day 92**

<b>0 mg/m3</b>	19.3 ± 0.3	33.1 ± 0.5	58.3 ± 0.5	5.1 ± 1.1	7.1 ± 1.1	563.6 ± 21.1
<b>0.03 mg/m3</b>	19.4 ± 0.4	32.9 ± 0.8	58.6 ± 0.5	5 ± 1.6	6.7 ± 1.4	562.7 ± 33.4
<b>0.1 mg/m3</b>	19.4 ± 0.3	32.7 ± 0.7	59.2 ± 1.5	5 ± 1.9	6.2 ± 1	538.7 ± 25.6
<b>0.3 mg/m3</b>	19.4 ± 0.3	33 ± 0.5	58.8 ± 0.4	4.9 ± 0.9	6.3 ± 1	569.6 ± 36.4

\*p < 0.05

\*\*p < 0.01

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**FEMALE**

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Treatment Groups	Red Blood Cell Count million per uL	Reticulocyte Percentage count per 100 RBC	Segmented Neutrophil Percentage %
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**Day 92**

<b>0 mg/m3</b>	7.7 ± 0.2	142.1 ± 23	16.8 ± 2
<b>0.03 mg/m3</b>	7.9 ± 0.2	147.3 ± 44	21.9 ± 1.6
<b>0.1 mg/m3</b>	<b>8 ± 0.2*</b>	143.6 ± 34.5	22.8 ± 3
<b>0.3 mg/m3</b>	<b>8.1 ± 0.1**</b>	157.3 ± 34.7	20.4 ± 2.3

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

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\*\*p < 0.01

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