

Experiment Number: 99007-03

Species/Strain: Rat/Fischer 344

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:46:22

First Dose M/F: NA / NA

Lab: NA

C Number: C99007B

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	Basophil Count 1000 per uL	Eosinophil Count	Hematocrit %	Hematocrit Manual %	Hemoglobin g per dL	Large Unstained Cells Count 1000 per uL
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Day 94

0 ppm	0 ± 0	0.1 ± 0	47.2 ± 2	47.3 ± 1.7	15.7 ± 0.6	0.1 ± 0
3125 ppm	0 ± 0	0.1 ± 0	44.8 ± 0.7	44.4 ± 1.3	14.8 ± 0.6	0.1 ± 0
6250 ppm	0 ± 0	0 ± 0	46.5 ± 1.8	46.4 ± 1.4	15.3 ± 0.6	0.1 ± 0
12500 ppm	0.1 ± 0	0.1 ± 0	46.2 ± 1.9	46.1 ± 1.7*	15.2 ± 0.7*	0.1 ± 0
25000 ppm	0 ± 0	0 ± 0	46.2 ± 2	46.2 ± 1.5*	15.2 ± 0.8*	0.1 ± 0
50000 ppm	0 ± 0	0 ± 0	46.2 ± 3.8*	45.9 ± 2.9**	15.2 ± 1.3**	0.1 ± 0

*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 Count 1000 per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Neutrophil Count 1000 per uL
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Day 94

0 ppm	8.3 ± 2	18.1 ± 1.6	33.1 ± 0.4	54.6 ± 4.3	0.1 ± 0	1.1 ± 0.2
3125 ppm	7.8 ± 0.5	16.4 ± 0.5	32.9 ± 0.8	49.8 ± 0.1	0.1 ± 0	1.1 ± 0
6250 ppm	9 ± 1.2	18.2 ± 1.7	32.9 ± 0.6	55.4 ± 4.3	0.2 ± 0.1	1.1 ± 0.3
12500 ppm	9.5 ± 1.1	17.9 ± 1.7	32.8 ± 0.7	54.5 ± 4.2	0.2 ± 0	1.2 ± 0.2
25000 ppm	9.2 ± 1.3	17.8 ± 1.6	32.9 ± 0.8	54.1 ± 4	0.1 ± 0	1.1 ± 0.2
50000 ppm	9 ± 1.2	17.5 ± 1.7*	32.8 ± 0.7	53.4 ± 4.3	0.2 ± 0.1	1 ± 0.2

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**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 Count million per uL	Reticulocyte Percentage %	White Blood Cell Count 1000 per uL
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Day 94

0 ppm	0.2 ± 0.5	759.1 ± 121.6	8.7 ± 0.7	0.2 ± 0.1	2.9 ± 1	9.7 ± 1.9
3125 ppm	0 ± 0	682 ± 15.6	9 ± 0.1	0.2 ± 0	2.6 ± 0.3	9.1 ± 0.5
6250 ppm	0.1 ± 0.3	738.1 ± 109.9	8.4 ± 0.6	0.3 ± 0.1	3.3 ± 1.2	10.4 ± 1.2
12500 ppm	0 ± 0	765.4 ± 76.6	8.5 ± 0.6	0.2 ± 0	2.9 ± 0.7	11.1 ± 1.2
25000 ppm	0.1 ± 0.4	768.8 ± 83	8.6 ± 0.5	0.2 ± 0	2.7 ± 0.7	10.6 ± 1.5
50000 ppm	0.1 ± 0.3	803.5 ± 125.7	8.7 ± 0.8	0.2 ± 0.1	2.6 ± 1.2	10.4 ± 1.2

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FEMALE

Treatment Groups	Basophil Count 1000 per uL	Eosinophil Count	Hematocrit %	Hematocrit Manual %	Hemoglobin g per dL	Large Unstained Cells Count 1000 per uL
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Day 94

0 ppm	0 ± 0	0 ± 0	44.8 ± 2.5	45.6 ± 2.7	15 ± 0.7	0.1 ± 0
3125 ppm	0 ± 0	0 ± 0	44 ± 1.6	44.8 ± 1.9	14.7 ± 0.6	0.1 ± 0
6250 ppm	0 ± 0	0 ± 0	46.1 ± 4.9	46.9 ± 4.6	15.3 ± 1.3	0.1 ± 0
12500 ppm	0 ± 0	0 ± 0	44.3 ± 1.9	45.1 ± 2.1	14.7 ± 0.6	0.1 ± 0
25000 ppm	0 ± 0	0 ± 0	45.2 ± 1.9	45.9 ± 2.2	15 ± 0.6	0.1 ± 0
50000 ppm	0 ± 0	0 ± 0	44 ± 1.7	44.7 ± 2.1	14.6 ± 0.5	0.1 ± 0

*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.

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Treatment Groups	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Neutrophil Count 1000 per uL
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Day 94

0 ppm	7.7 ± 1.7	18.1 ± 1.1	33.5 ± 0.7	54.1 ± 3.2	0.1 ± 0.1	1 ± 0.2
3125 ppm	7.3 ± 2.1	18.2 ± 1.2	33.3 ± 0.6	54.6 ± 3.4	0.1 ± 0	0.9 ± 0.2
6250 ppm	7.6 ± 2.3	18.1 ± 1.1	33.2 ± 0.7	54.5 ± 3.1	0.1 ± 0	1 ± 0.2
12500 ppm	7.7 ± 2.4	18 ± 1.1	33.2 ± 0.5	54.1 ± 3.4	0.1 ± 0.1	1 ± 0.2
25000 ppm	8.1 ± 2.2	17.9 ± 1.1	33.1 ± 0.4	54 ± 3.4	0.1 ± 0	1.2 ± 0.3
50000 ppm	7.9 ± 1.7	17.6 ± 1.1*	33.1 ± 0.3	53.1 ± 3.3	0.1 ± 0	0.9 ± 0.2

*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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Treatment Groups	Nucleated Rbc Per 100 Wbc per 100 WC	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL	Reticulocyte Percentage %	White Blood Cell Count 1000 per uL
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Day 94

0 ppm	0.2 ± 0.5	703.6 ± 90.5	8.3 ± 0.4	0.2 ± 0.1	2.4 ± 0.9	9.1 ± 1.7
3125 ppm	0.2 ± 0.6	676.6 ± 91.6	8.1 ± 0.5	0.2 ± 0.1	2.7 ± 1.5	8.5 ± 2.3
6250 ppm	0.1 ± 0.2	649 ± 92.2	8.5 ± 0.9	0.2 ± 0.1	2.3 ± 0.9	8.9 ± 2.3
12500 ppm	0.1 ± 0.2	737.9 ± 93.7	8.2 ± 0.3	0.2 ± 0.1	2.8 ± 1.5	8.9 ± 2.7
25000 ppm	0.1 ± 0.4	737.6 ± 87.2	8.4 ± 0.3	0.2 ± 0	2.1 ± 0.3	9.7 ± 2.1
50000 ppm	0 ± 0.2	746.4 ± 65.8	8.3 ± 0.4	0.2 ± 0	2.2 ± 0.3	9.1 ± 1.8

** END OF REPORT **

*p < 0.05

**p < 0.01

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