Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:31:03

First Dose M/F: NA / NA

Lab: NA

C Number:	C55425B
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	Eosinophil Count	Hematocrit %	Hematocrit Manual %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg
Day 91						
0 ppb	0.1 ± 0	47 ± 0.8	47.1 ± 0.8	15 ± 0.3	6.5 ± 0.9	17.8 ± 1
62.5 ppb	0 ± 0	46.3 ± 1.2	46.5 ± 1.2	14.8 ± 0.4	5.9 ± 1.1	17.6 ± 1
125 ppb	0 ± 0.1	47.1 ± 1.8	47.2 ± 1.6	15 ± 0.5	6.8 ± 1.1	17.7 ± 1
250 ppb	0 ± 0	46.4 ± 1.3	46.6 ± 1.3	15 ± 0.6	6.5 ± 1.2	17.7 ± 1.1
500 ppb	0 ± 0	46.1 ± 0.9	46.5 ± 0.9	14.9 ± 0.4	6 ± 1.1	17.6 ± 1
1000 ppb	0 ± 0	48.2 ± 2.2	48.2 ± 2	**15.6 ± 0.7***	5.8 ± 1.1	17.5 ± 0.9

*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 Per 100 Wbc per 100 WC	Platelet Count 1000 per uL	Red Blood Cell Count million per uL
Day 91						
0 ppb	31.9 ± 0.2	55.5 ± 2.9	0 ± 0	0.6 ± 0.8	604.9 ± 86.4	8.5 ± 0.4
62.5 ppb	32 ± 0.4	55 ± 2.9	0 ± 0	0.5 ± 0.8	618.3 ± 97.2	8.4 ± 0.5
125 ppb	31.9 ± 0.4	55.3 ± 2.9	0 ± 0	0.7 ± 1.3	621.1 ± 129.6	8.5 ± 0.7
250 ppb	32.1 ± 0.3	55.4 ± 3.3	0 ± 0.1	0.6 ± 1	624.7 ± 106.1	8.4 ± 0.5
500 ppb	32 ± 0.3	55 ± 3.1	0 ± 0	0.8 ± 0.8	636.5 ± 139.2	8.4 ± 0.6
1000 ppb	32.1 ± 0.4	54.6 ± 2.5	0 ± 0	0.8 ± 0.9	540 ± 59.5	8.8 ± 0.3

$*p < 0.05$

$**p < 0.01$

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Lab: NA

MALE

Treatment Groups	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
Day 91			
0 ppb	0.2 ± 0.1	1.1 ± 0.5	7.4 ± 1.5
62.5 ppb	0.2 ± 0.1	1.1 ± 0.4	7.2 ± 1.1
125 ppb	0.2 ± 0.1	1.2 ± 0.3	8.1 ± 1.2
250 ppb	0.2 ± 0.1	1 ± 0.5	7.6 ± 1.4
500 ppb	0.2 ± 0.1	0.9 ± 0.3	7 ± 1.1
1000 ppb	0.2 ± 0.1	**1.9 ± 1****	7.7 ± 1.5

*$p < 0.05$

**$p < 0.01$

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Lab: NA

FEMALE

Treatment Groups	Eosinophil Count	Hematocrit %	Hematocrit Manual %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg
			Day 91			
0 ppb	0.1 ± 0.1	48 ± 1.5	47.2 ± 1.4	15.2 ± 0.5	7.1 ± 1.3	18.4 ± 0.5
62.5 ppb	0 ± 0	48 ± 1.8	46.9 ± 1.2	15.3 ± 0.6	6.4 ± 1.2	18.3 ± 0.5
125 ppb	0 ± 0	48 ± 1.6	47.1 ± 1.3	15.4 ± 0.5	6.5 ± 1.5	18.4 ± 0.6
250 ppb	0 ± 0.1	48 ± 1.7	47.6 ± 1.2	15.3 ± 0.6	6.7 ± 1.2	18.5 ± 0.5
500 ppb	0 ± 0.1	48.4 ± 1.3	47.9 ± 1.1	15.4 ± 0.4	6.1 ± 1.2	18.2 ± 0.4
1000 ppb	0.1 ± 0.1	48.9 ± 2.3	47.9 ± 2.2	15.6 ± 0.9	7.5 ± 2.2	18.2 ± 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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FEMALE

Treatment Groups	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Per 100 Wbc per 100 WC	Platelet Count 1000 per uL	Red Blood Cell Count million per uL
Day 91						
0 ppb	31.7 ± 0.4	58 ± 1.4	0 ± 0	0.6 ± 1.1	649 ± 94.6	8.3 ± 0.3
62.5 ppb	31.8 ± 0.4	57.5 ± 1.1	0 ± 0	0.7 ± 1	677.1 ± 105.5	8.3 ± 0.3
125 ppb	32 ± 0.5	57.5 ± 1.4	0 ± 0	0.4 ± 0.6	635.8 ± 82.3	8.4 ± 0.3
250 ppb	31.9 ± 0.4	57.8 ± 1.1	0 ± 0	0.5 ± 1	618.8 ± 70.8	8.3 ± 0.3
500 ppb	31.7 ± 0.4	57.4 ± 1.3	0 ± 0	0.2 ± 0.6	615.5 ± 67.7	8.4 ± 0.3
1000 ppb	32 ± 0.4	56.9 ± 1.2	0 ± 0.1	0.6 ± 0.7	**567 ± 129.3***	8.6 ± 0.5

*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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FEMALE

Treatment Groups	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
		Day 91	
0 ppb	0.2 ± 0	1 ± 0.4	8.1 ± 1.5
62.5 ppb	0.2 ± 0	0.9 ± 0.3	7.4 ± 1.3
125 ppb	0.2 ± 0	0.9 ± 0.3	7.4 ± 1.5
250 ppb	0.2 ± 0	1 ± 0.3	7.7 ± 1.3
500 ppb	0.2 ± 0	0.8 ± 0.3	7 ± 1.2
1000 ppb	0.2 ± 0.1	**2.2 ± 1.2****	9.9 ± 3.1

** END OF REPORT **

*p < 0.05

**p < 0.01

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