

Experiment Number: 05196-03

Species/Strain: Rat/Fischer 344

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:36:40

First Dose M/F: NA / NA

Lab: NA

C Number: C04308

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

Experiment Number: 05196-03

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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 |
|------------------|------------------|--------------|---------------------|------------------------------|-------------------------|---|
|------------------|------------------|--------------|---------------------|------------------------------|-------------------------|---|

Day 91

| | | | | | | |
|--------|-----------|-------------------|------------|-----------|------------|------------|
| 0 ppm | 0.1 ± 0.1 | 47.7 ± 1.7 | 15.5 ± 0.4 | 5 ± 0.9 | 16.9 ± 0.6 | 32.5 ± 0.8 |
| 2 ppm | 0.1 ± 0.1 | 48.1 ± 1.7 | 15.6 ± 0.4 | 5.5 ± 1.3 | 16.8 ± 0.5 | 32.4 ± 1.1 |
| 4 ppm | 0.1 ± 0.1 | 49 ± 1.4 | 15.7 ± 0.4 | 5.8 ± 1.3 | 16.8 ± 0.6 | 32.1 ± 0.5 |
| 8 ppm | 0.1 ± 0.1 | 47.7 ± 1.3 | 15.6 ± 0.4 | 5.4 ± 1 | 17.1 ± 0.6 | 32.7 ± 0.7 |
| 16 ppm | 0.1 ± 0.1 | 48.6 ± 1.9 | 15.6 ± 0.5 | 5.5 ± 1.5 | 17 ± 0.6 | 32.1 ± 0.7 |
| 32 ppm | 0.1 ± 0.1 | 50.4 ± 4** | 16.2 ± 1.3 | 4.6 ± 1 | 17 ± 0.7 | 32 ± 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 Corpuscular Volume fL | Monocyte Count 1000 per uL | Nucleated Rbc Count 1000 per uL | Red Blood Cell Count million per uL | Reticulocyte Count million per uL | Segmented Neutrophil Count 1000 per uL |
|------------------|----------------------------|----------------------------|---------------------------------|-------------------------------------|-----------------------------------|--|
|------------------|----------------------------|----------------------------|---------------------------------|-------------------------------------|-----------------------------------|--|

Day 91

| | | | | | | |
|---------------|------------|-----------|-----------|-----------|-----------|-----------|
| 0 ppm | 52 ± 1.9 | 0.4 ± 0.2 | 0 ± 0.1 | 9.2 ± 0.4 | 0.2 ± 0.1 | 1.4 ± 0.4 |
| 2 ppm | 51.8 ± 1.9 | 0.3 ± 0.1 | 0 ± 0.1 | 9.3 ± 0.2 | 0.2 ± 0 | 1 ± 0.4 |
| 4 ppm | 52.5 ± 2 | 0.3 ± 0.2 | 0 ± 0.1 | 9.3 ± 0.3 | 0.2 ± 0.1 | 1.1 ± 0.3 |
| 8 ppm | 52.3 ± 1.8 | 0.3 ± 0.2 | 0 ± 0.1 | 9.1 ± 0.3 | 0.2 ± 0.1 | 1.3 ± 0.4 |
| 16 ppm | 52.9 ± 1.9 | 0.3 ± 0.1 | 0.1 ± 0.1 | 9.2 ± 0.4 | 0.2 ± 0.1 | 1.3 ± 0.3 |
| 32 ppm | 53.2 ± 2.2 | 0.3 ± 0.2 | 0 ± 0.1 | 9.5 ± 0.6 | 0.2 ± 0.1 | 1.5 ± 0.5 |

*p < 0.05

**p < 0.01

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First Dose M/F: NA / NA

Lab: NA

MALE

| Treatment Groups | White Blood Cell Count 1000 per uL |
|------------------|---------------------------------------|
|------------------|---------------------------------------|

Day 91

| | |
|---------------|-----------|
| 0 ppm | 6.9 ± 1.1 |
| 2 ppm | 6.8 ± 1.5 |
| 4 ppm | 7.3 ± 1.4 |
| 8 ppm | 7.1 ± 1.1 |
| 16 ppm | 7.3 ± 1.5 |
| 32 ppm | 6.5 ± 1.4 |

*p < 0.05

**p < 0.01

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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 |
|------------------|------------------|--------------|---------------------|------------------------------|-------------------------|---|
|------------------|------------------|--------------|---------------------|------------------------------|-------------------------|---|

Day 91

| | | | | | | |
|---------------|-----------|------------|--------------------|--------------------|------------|------------|
| 0 ppm | 0.1 ± 0 | 46.5 ± 3.5 | 15.1 ± 0.5 | 3.9 ± 0.6 | 17.7 ± 0.8 | 32.5 ± 1.7 |
| 2 ppm | 0.1 ± 0.1 | 47.5 ± 1.5 | 15.4 ± 0.2 | 4.2 ± 0.6 | 17.7 ± 0.4 | 32.5 ± 0.9 |
| 4 ppm | 0.1 ± 0.1 | 46.9 ± 2.8 | 15.3 ± 0.5 | 4.9 ± 0.7** | 17.9 ± 0.5 | 32.7 ± 1.1 |
| 8 ppm | 0 ± 0 | 47.5 ± 2.4 | 15.2 ± 0.4 | 4.9 ± 0.8* | 17.6 ± 0.5 | 32 ± 1.1 |
| 16 ppm | 0 ± 0.1 | 47.4 ± 3.1 | 15.2 ± 0.4 | 5.1 ± 1** | 17.6 ± 0.6 | 32.2 ± 1.5 |
| 32 ppm | 0 ± 0.1 | 50.4 ± 4.7 | 16.2 ± 1.5* | 5.2 ± 1.4** | 17.3 ± 0.5 | 32.2 ± 1.5 |

*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.

FEMALE

| Treatment Groups | Mean Corpuscular Volume fL | Monocyte Count 1000 per uL | Nucleated Rbc Count 1000 per uL | Red Blood Cell Count million per uL | Reticulocyte Count million per uL | Segmented Neutrophil Count 1000 per uL |
|------------------|-------------------------------|-------------------------------|------------------------------------|--|--------------------------------------|---|
|------------------|-------------------------------|-------------------------------|------------------------------------|--|--------------------------------------|---|

Day 91

| | | | | | | |
|---------------|------------|-----------|-----------|-------------------|-----------|-----------|
| 0 ppm | 54.3 ± 1.2 | 0.3 ± 0.2 | 0 ± 0 | 8.5 ± 0.5 | 0.1 ± 0 | 1.4 ± 0.7 |
| 2 ppm | 54.8 ± 1 | 0.3 ± 0.1 | 0 ± 0 | 8.7 ± 0.2 | 0.1 ± 0 | 1.3 ± 0.3 |
| 4 ppm | 54.9 ± 0.9 | 0.4 ± 0.3 | 0 ± 0.1 | 8.5 ± 0.5 | 0.2 ± 0 | 1.4 ± 0.3 |
| 8 ppm | 55 ± 1.2 | 0.3 ± 0.2 | 0 ± 0 | 8.6 ± 0.3 | 0.2 ± 0.1 | 1.2 ± 0.5 |
| 16 ppm | 54.5 ± 1.1 | 0.4 ± 0.2 | 0 ± 0.1 | 8.7 ± 0.5 | 0.1 ± 0.1 | 1.6 ± 0.5 |
| 32 ppm | 53.9 ± 1.7 | 0.3 ± 0.2 | 0.1 ± 0.1 | 9.4 ± 0.8* | 0.1 ± 0.1 | 1.2 ± 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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First Dose M/F: NA / NA

Lab: NA

FEMALE

| Treatment Groups | White Blood Cell Count 1000 per uL |
|------------------|---------------------------------------|
|------------------|---------------------------------------|

Day 91

| | |
|---------------|-----------|
| 0 ppm | 5.6 ± 1.4 |
| 2 ppm | 5.9 ± 0.7 |
| 4 ppm | 7 ± 1.3 |
| 8 ppm | 6.5 ± 0.9 |
| 16 ppm | 7.1 ± 1.2 |
| 32 ppm | 6.8 ± 1.5 |

**** END OF REPORT ****

*p < 0.05

**p < 0.01

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