**Experiment Number:** 05160-02
**Species/Strain:** Mouse/B6C3F1

**P43: Terminal Sacrifice Hematology Data**

**Date Report Requested:** 10/26/2014
**Time Report Requested:** 04:56:31
**First Dose M/F:** NA / NA
**Lab:** NA

| | |
|---|---|
| **C Number:** | C61983A |
| **Cage Range:** | All |
| **Date Range:** | All |
| **Reasons For Removal:** | All |
| **Removal Date Range:** | All |
| **Treatment Groups:** | All |
| **Study Gender:** | Both |

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## 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 ± 0 | 52.9 ± 2.7 | 17.6 ± 1 | 4.5 ± 0.8 | 17 ± 0 | 33.5 ± 0.7 |
| **33 ppm** | 0 ± 0 | 53 ± 2.5 | 17.6 ± 1 | 4.1 ± 1 | 16.8 ± 0.4 | 32.9 ± 0.6 |
| **100 ppm** | 0.1 ± 0 | 52.5 ± 2.3 | 17.5 ± 0.5 | 4.4 ± 0.8 | 17.2 ± 0.6 | 33.4 ± 1 |
| **330 ppm** | 0 ± 0 | 54.5 ± 2.5 | 17.7 ± 0.8 | 2.7 ± 0.7 | 16.8 ± 0.4 | **32.4 ± 0.5\*\*** |
| **1000 ppm** | 0 ± 0 | 52.4 ± 1.3 | 17.1 ± 0.4 | 4 ± 0.8 | 17 ± 0 | **32.6 ± 0.7\*\*** |
| **3300 ppm** | 0 ± 0 | 52.9 ± 5.6 | 17 ± 1.8 | **3.5 ± 0.8\*** | 17 ± 0.3 | **32.2 ± 0.6\*\*** |

*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 | Mean Platelet 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 |
|---|---|---|---|---|---|---|
| **Day 91** | | | | | | |
| **0 ppm** | 49.3 ± 0.7 | 5.7 ± 0.1 | 0 ± 0 | 0 ± 0 | 1058.2 ± 55.1 | 10.5 ± 0.5 |
| **33 ppm** | 49.5 ± 1.3 | 5.8 ± 0.1 | 0.2 ± 0.2 | 0 ± 0 | 1005.6 ± 72 | 10.5 ± 0.6 |
| **100 ppm** | 49.9 ± 0.6 | 5.7 ± 0.1 | 0 ± 0 | 0 ± 0 | 1059.2 ± 72.8 | 10.3 ± 0.5 |
| **330 ppm** | **50.7 ± 1\*\*** | 5.6 ± 0.1 | 0.1 ± 0.1 | 0 ± 0 | 1033.6 ± 86 | 10.5 ± 0.5 |
| **1000 ppm** | **50.2 ± 0.4\*** | 5.7 ± 0.1 | 0 ± 0 | 0 ± 0 | 1053.8 ± 49.4 | 10.2 ± 0.2 |
| **3300 ppm** | **51.6 ± 1\*\*** | 5.8 ± 0.2 | 0.1 ± 0.1 | 0 ± 0 | **860.6 ± 177.4\*\*** | 10 ± 1 |

*p < 0.05

**p < 0.01

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## MALE

| Treatment Groups | Reticulocyte Count million per uL | Segmented Neutrophil Count 1000 per uL | White Blood Cell Count 1000 per uL |
|---|---|---|---|
| **Day 91** | | | |
| **0 ppm** | 0.2 ± 0.1 | 0.6 ± 0.2 | 5.2 ± 0.9 |
| **33 ppm** | 0.3 ± 0.1 | 0.5 ± 0.1 | 4.8 ± 1.1 |
| **100 ppm** | 0.2 ± 0.1 | 0.6 ± 0.4 | 5.2 ± 1.1 |
| **330 ppm** | 0.2 ± 0.1 | **0.3 ± 0.1\*\*** | 3.1 ± 0.8 |
| **1000 ppm** | 0.2 ± 0.1 | **0.4 ± 0.1\*** | 4.5 ± 0.9 |
| **3300 ppm** | 0.2 ± 0.1 | **0.3 ± 0.2\*\*** | **4.1 ± 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.

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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 ± 0 | 51.4 ± 4.2 | 18.6 ± 0.9 | 4.3 ± 0.5 | 19.5 ± 1.3 | 36.4 ± 1.9 |
| **33 ppm** | 0 ± 0 | 55 ± 2.9 | 18.2 ± 0.8 | 5.2 ± 1 | **17.7 ± 0.5\*\*** | **32.9 ± 0.7\*\*** |
| **100 ppm** | 0 ± 0.1 | 54.9 ± 1.9 | 17.8 ± 0.7 | 4.3 ± 0.8 | **17.3 ± 0.5\*\*** | **32.5 ± 1\*\*** |
| **330 ppm** | 0.1 ± 0.1 | 54.8 ± 2.2 | 18.4 ± 0.7 | 4.5 ± 1.4 | **17.7 ± 0.5\*\*** | **33.8 ± 1\*** |
| **1000 ppm** | 0 ± 0 | 53.9 ± 3.4 | **17.3 ± 1\*** | 5 ± 0.9 | **17.4 ± 0.5\*\*** | **32.2 ± 0.6\*\*** |

*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 Corpuscular Volume fL | Mean Platelet Volume fL | Monocyte Count 1000 per uL | Platelet Count 1000 per uL | Red Blood Cell Count million per uL | Reticulocyte Count million per uL |
|---|---|---|---|---|---|---|
| **Day 91** | | | | | | |
| **0 ppm** | 51.8 ± 0.9 | 5.5 ± 0.1 | 0.2 ± 0.2 | 893.1 ± 96.7 | 9.6 ± 0.9 | 0.2 ± 0 |
| **33 ppm** | 52.3 ± 0.9 | 5.8 ± 0.1 | 0.3 ± 0.3 | 942.4 ± 115 | 10.3 ± 0.4 | 0.2 ± 0.1 |
| **100 ppm** | 52.8 ± 1.4 | 5.8 ± 0.2 | 0.3 ± 0.3 | 912.2 ± 99.8 | 10.2 ± 0.5 | 0.2 ± 0 |
| **330 ppm** | 51.8 ± 1.2 | 5.7 ± 0.2 | 0.2 ± 0.2 | 882.8 ± 54 | 10.4 ± 0.4 | 0.2 ± 0.1 |
| **1000 ppm** | 53 ± 1.1 | 5.6 ± 0.1 | 0.3 ± 0.3 | 915.8 ± 109.1 | 10 ± 0.6 | 0.2 ± 0 |

*p < 0.05

**p < 0.01

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

**Lab:** NA

## FEMALE

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

**Day 91**

| Treatment Groups | Segmented Neutrophil Count | White Blood Cell Count |
|---|---|---|
| **0 ppm** | 0.6 ± 0.2 | 5.2 ± 0.6 |
| **33 ppm** | 0.6 ± 0.2 | 6.1 ± 1 |
| **100 ppm** | 0.6 ± 0.2 | 5.2 ± 0.9 |
| **330 ppm** | 0.5 ± 0.3 | 5.2 ± 1.5 |
| **1000 ppm** | 0.5 ± 0.2 | 5.9 ± 0.9 |

** END OF REPORT **

$*p < 0.05$

$**p < 0.01$

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