

**Experiment Number:** 02200-04  
**Species/Strain:** Mouse/B6C3F1

**P43: Terminal Sacrifice Hematology Data**

**Date Report Requested:** 10/24/2014  
**Time Report Requested:** 14:32:59  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                             |         |
|-----------------------------|---------|
| <b>C Number:</b>            | C02200B |
| <b>Cage Range:</b>          | All     |
| <b>Date Range:</b>          | All     |
| <b>Reasons For Removal:</b> | All     |
| <b>Removal Date Range:</b>  | All     |
| <b>Treatment Groups:</b>    | All     |
| <b>Study Gender:</b>        | Both    |

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## MALE

| Treatment Groups | Eosinophil Count | Hematocrit % | Hematocrit Manual % | Hemoglobin g per dL | Howell Jolly Pct Rbc % | Lymphocyte Count 1000 per uL |
|------------------|------------------|--------------|---------------------|---------------------|------------------------|------------------------------|
|------------------|------------------|--------------|---------------------|---------------------|------------------------|------------------------------|

## Day 91

|          |                |            |            |            |           |                    |
|----------|----------------|------------|------------|------------|-----------|--------------------|
| 0 ppm    | 0 ± 0          | 46.4 ± 1.5 | 48.3 ± 1.7 | 15.8 ± 0.6 | 0.1 ± 0.1 | 3.3 ± 1.1          |
| 62.5 ppm | 0 ± 0          | 49.2 ± 2.2 | 51.3 ± 1.9 | 16.9 ± 0.9 | 0.1 ± 0.1 | <b>2.2 ± 0.7**</b> |
| 125 ppm  | 0 ± 0          | 48.5 ± 1.9 | 50.5 ± 2   | 16.8 ± 0.7 | 0.1 ± 0.1 | <b>1.9 ± 0.5**</b> |
| 250 ppm  | 0 ± 0          | 48.8 ± 5   | 50.4 ± 5   | 16.9 ± 1.9 | 0.1 ± 0.1 | <b>1.9 ± 0.9**</b> |
| 500 ppm  | <b>0 ± 0**</b> | 46.3 ± 2.9 | 48.6 ± 3.9 | 16.2 ± 0.9 | 0.1 ± 0.1 | <b>1.5 ± 0.9**</b> |

\*p &lt; 0.05

\*\*p &lt; 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 | Methemoglobin Pct Hgb % | Monocyte Count 1000 per uL | Platelet Count 1000 per uL |
|------------------|-------------------------|---|----------------------------|-------------------------|----------------------------|----------------------------|
|------------------|-------------------------|---|----------------------------|-------------------------|----------------------------|----------------------------|

## Day 91

|                 |            |                    |                     |           |       |                        |
|-----------------|------------|--------------------|---------------------|-----------|-------|------------------------|
| <b>0 ppm</b>    | 15.7 ± 0.4 | 34.1 ± 0.9         | 46.1 ± 0.8          | 1 ± 0.2   | 0 ± 0 | 1060.1 ± 112           |
| <b>62.5 ppm</b> | 15.7 ± 0.4 | 34.3 ± 0.7         | 45.7 ± 0.7          | 0.9 ± 0.2 | 0 ± 0 | 1088.5 ± 174.2         |
| <b>125 ppm</b>  | 15.8 ± 0.4 | <b>34.6 ± 0.9*</b> | <b>45.6 ± 0.8*</b>  | 0.9 ± 0.2 | 0 ± 0 | 1189.9 ± 128.8         |
| <b>250 ppm</b>  | 15.6 ± 0.6 | <b>34.6 ± 0.5*</b> | <b>45.2 ± 1.5*</b>  | 1 ± 0.2   | 0 ± 0 | 835.9 ± 619.1          |
| <b>500 ppm</b>  | 15.6 ± 0.5 | <b>35 ± 1.3**</b>  | <b>44.6 ± 1.2**</b> | 1.1 ± 0.2 | 0 ± 0 | <b>1151.4 ± 457.4*</b> |

\*p &lt; 0.05

\*\*p &lt; 0.01

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MALE

| Treatment Groups | Red Blood Cell Count<br>million per uL | Reticulocyte Count<br>million per uL | Segmented Neutrophil Count<br>1000 per uL | White Blood Cell Count<br>1000 per uL |
|------------------|--|--------------------------------------|---|---------------------------------------|
|------------------|--|--------------------------------------|---|---------------------------------------|

Day 91

|          |              |           |           |             |
|----------|--------------|-----------|-----------|-------------|
| 0 ppm    | 10.1 ± 0.3   | 0.3 ± 0.1 | 0.4 ± 0.2 | 3.7 ± 1.2   |
| 62.5 ppm | 10.7 ± 0.4** | 0.3 ± 0.1 | 0.5 ± 0.4 | 2.8 ± 1     |
| 125 ppm  | 10.6 ± 0.4** | 0.3 ± 0.1 | 0.5 ± 0.3 | 2.4 ± 0.7   |
| 250 ppm  | 10.8 ± 1**   | 0.3 ± 0.1 | 1.7 ± 1.4 | 3.7 ± 1.8   |
| 500 ppm  | 10.4 ± 0.5*  | 0.3 ± 0.1 | 0.6 ± 0.4 | 2.1 ± 1.1** |

\*\* END OF REPORT \*\*

\*p < 0.05

\*\*p < 0.01

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