

Experiment Number: 99017-04

Species/Strain: Mouse/B6C3F1

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:58:56

First Dose M/F: NA / NA

Lab: NA

C Number: C99017

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 | Howell Jolly Pct Rbc % |
|------------------|-------------------------------|------------------|-----------------|---------------------------|------------------------|------------------------------|
|------------------|-------------------------------|------------------|-----------------|---------------------------|------------------------|------------------------------|

Day 95

| | | | | | | |
|----------------|-------|-------|------------|------------|------------|-----------|
| 0 ppm | 0 ± 0 | 0 ± 0 | 51.2 ± 1.3 | 50.6 ± 1 | 16.1 ± 0.4 | 0.1 ± 0.1 |
| 8 ppm | 0 ± 0 | 0 ± 0 | 51 ± 2.5 | 51 ± 2.6 | 16.2 ± 0.8 | 0.2 ± 0.1 |
| 16 ppm | 0 ± 0 | 0 ± 0 | 51.4 ± 1.1 | 50.9 ± 1.1 | 16.3 ± 0.3 | 0.2 ± 0.1 |
| 32 ppm | 0 ± 0 | 0 ± 0 | 51.1 ± 1.1 | 50.9 ± 1.1 | 16.3 ± 0.3 | 0.1 ± 0.1 |
| 62 ppm | 0 ± 0 | 0 ± 0 | 51 ± 0.8 | 50.5 ± 0.9 | 16.2 ± 0.4 | 0.1 ± 0.1 |
| 125 ppm | 0 ± 0 | 0 ± 0 | 50.6 ± 0.8 | 50.4 ± 0.9 | 16.1 ± 0.2 | 0.1 ± 0.1 |

*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 | Platelet Count 1000 per uL |
|------------------|---------------------------------|----------------------------|--|-------------------------------|-------------------------------|-------------------------------|
|------------------|---------------------------------|----------------------------|--|-------------------------------|-------------------------------|-------------------------------|

Day 95

| | | | | | | |
|----------------|-----------|------------|--------------------|------------|---------|---------------|
| 0 ppm | 2.4 ± 0.7 | 15.4 ± 0.2 | 31.5 ± 0.2 | 48.9 ± 0.8 | 0.1 ± 0 | 926.6 ± 82.4 |
| 8 ppm | 2.8 ± 0.9 | 15.5 ± 0.2 | 31.9 ± 0.4 | 48.7 ± 0.6 | 0 ± 0 | 903.1 ± 70.3 |
| 16 ppm | 2.7 ± 0.7 | 15.4 ± 0.2 | 31.7 ± 0.6 | 48.8 ± 0.9 | 0 ± 0 | 878.3 ± 87.9 |
| 32 ppm | 2.5 ± 0.8 | 15.4 ± 0.1 | 31.9 ± 0.4 | 48.5 ± 0.7 | 0 ± 0.1 | 946.3 ± 49.1 |
| 62 ppm | 2.9 ± 0.8 | 15.5 ± 0.2 | 31.7 ± 0.4 | 48.7 ± 0.6 | 0 ± 0 | 870.6 ± 116.7 |
| 125 ppm | 3 ± 1 | 15.5 ± 0.2 | 31.9 ± 0.3* | 48.6 ± 0.6 | 0 ± 0 | 854.8 ± 76.7 |

*p < 0.05

**p < 0.01

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Lab: NA

MALE

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

Day 95

| | | | | |
|---------|------------|--------------|-----------|-----------|
| 0 ppm | 10.5 ± 0.3 | 182.9 ± 44.6 | 0.4 ± 0.2 | 2.8 ± 0.8 |
| 8 ppm | 10.5 ± 0.5 | 176.3 ± 39.8 | 0.5 ± 0.1 | 3.3 ± 1 |
| 16 ppm | 10.5 ± 0.2 | 187.6 ± 48 | 0.4 ± 0.1 | 3.2 ± 0.8 |
| 32 ppm | 10.6 ± 0.2 | 181.8 ± 37.6 | 0.4 ± 0.2 | 3 ± 0.9 |
| 62 ppm | 10.5 ± 0.2 | 214.6 ± 63 | 0.4 ± 0.2 | 3.4 ± 0.9 |
| 125 ppm | 10.4 ± 0.2 | 166.7 ± 53.9 | 0.4 ± 0.1 | 3.5 ± 1.1 |

*p < 0.05

**p < 0.01

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First Dose M/F: NA / NA

Lab: NA

FEMALE

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

Day 95

| | | | | | | |
|----------------|-------|-------|------------|-------------------|------------|-----------|
| 0 ppm | 0 ± 0 | 0 ± 0 | 50.2 ± 0.7 | 49.6 ± 0.9 | 16.1 ± 0.3 | 0.1 ± 0.1 |
| 8 ppm | 0 ± 0 | 0 ± 0 | 50.6 ± 1.2 | 50 ± 0.9 | 16.1 ± 0.3 | 0 ± 0 |
| 16 ppm | 0 ± 0 | 0 ± 0 | 50.1 ± 1.4 | 50 ± 1.3 | 16.1 ± 0.4 | 0.1 ± 0.1 |
| 32 ppm | 0 ± 0 | 0 ± 0 | 50.7 ± 0.9 | 50.2 ± 1 | 16.2 ± 0.3 | 0.1 ± 0.1 |
| 62 ppm | 0 ± 0 | 0 ± 0 | 50.9 ± 1.2 | 50.6 ± 1* | 16.3 ± 0.4 | 0.1 ± 0.1 |
| 125 ppm | 0 ± 0 | 0 ± 0 | 51.3 ± 1.3 | 51 ± 1.2** | 16.5 ± 0.4 | 0.1 ± 0.1 |

*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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Lab: NA

FEMALE

| 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 | Platelet Count 1000 per uL |
|------------------|---------------------------------|----------------------------|--|-------------------------------|-------------------------------|-------------------------------|
|------------------|---------------------------------|----------------------------|--|-------------------------------|-------------------------------|-------------------------------|

Day 95

| | | | | | | |
|---------|-----------|------------|------------|------------|-------|--------------|
| 0 ppm | 2.3 ± 0.7 | 15.9 ± 0.2 | 32 ± 0.2 | 49.7 ± 0.7 | 0 ± 0 | 802.9 ± 54.3 |
| 8 ppm | 2.4 ± 0.5 | 15.9 ± 0.2 | 31.9 ± 0.2 | 49.8 ± 0.4 | 0 ± 0 | 825.5 ± 73.1 |
| 16 ppm | 3 ± 1 | 16 ± 0.3 | 32.1 ± 0.5 | 49.8 ± 0.5 | 0 ± 0 | 814.6 ± 91.5 |
| 32 ppm | 2.6 ± 0.6 | 15.8 ± 0.2 | 31.8 ± 0.4 | 49.7 ± 0.8 | 0 ± 0 | 834.3 ± 47.7 |
| 62 ppm | 2.8 ± 1 | 15.9 ± 0.2 | 32 ± 0.2 | 49.8 ± 0.6 | 0 ± 0 | 829.7 ± 43.7 |
| 125 ppm | 2.5 ± 0.5 | 15.9 ± 0.2 | 32.1 ± 0.3 | 49.4 ± 0.5 | 0 ± 0 | 758.7 ± 74.3 |

*p < 0.05

**p < 0.01

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FEMALE

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

Day 95

| | | | | |
|---------|------------|--------------|-----------|-----------|
| 0 ppm | 10.1 ± 0.2 | 202.8 ± 57 | 0.4 ± 0.2 | 2.9 ± 0.9 |
| 8 ppm | 10.2 ± 0.3 | 226 ± 58.1 | 0.3 ± 0.1 | 2.8 ± 0.6 |
| 16 ppm | 10.1 ± 0.3 | 215.6 ± 65.9 | 0.4 ± 0.1 | 3.5 ± 1.1 |
| 32 ppm | 10.2 ± 0.2 | 197 ± 36.9 | 0.3 ± 0.1 | 3 ± 0.6 |
| 62 ppm | 10.2 ± 0.2 | 205 ± 49.2 | 0.4 ± 0.2 | 3.3 ± 1.1 |
| 125 ppm | 10.4 ± 0.3 | 227.1 ± 55.8 | 0.3 ± 0.2 | 2.9 ± 0.5 |

** END OF REPORT **

*p < 0.05

**p < 0.01

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