Experiment Number: 05159-05
Species/Strain: Rat/Fischer 344

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/24/2014
Time Report Requested: 12:23:03
First Dose M/F: NA / NA
Lab: NA

C Number:	C62124B
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both

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						
3 ppm	0.1 ± 0.1	46.8 ± 0.9	15.9 ± 0.3	6.2 ± 0.9	16.8 ± 0.2	34 ± 0.3
10 ppm	0.1 ± 0.1	46.8 ± 1.7	15.8 ± 0.6	6.4 ± 1.3	16.7 ± 0.2	33.8 ± 0.4
30 ppm	0.1 ± 0.1	46.9 ± 1.4	15.9 ± 0.6	5.8 ± 1.1	16.7 ± 0.2	33.9 ± 0.5
100 ppm	0.1 ± 0.1	46.7 ± 1.4	15.8 ± 0.5	6.3 ± 0.9	16.6 ± 0.2	33.8 ± 0.4
300 ppm	0.1 ± 0.1	45.8 ± 1.4	15.7 ± 0.8	6.4 ± 1.2	16.9 ± 0.7	34.2 ± 1.4
0 ppm						
3 ppm	0.1 ± 0.1	46.8 ± 0.9	15.9 ± 0.3	6.2 ± 0.9	16.8 ± 0.2	34 ± 0.3
10 ppm	0.1 ± 0.1	46.8 ± 1.7	15.8 ± 0.6	6.4 ± 1.3	16.7 ± 0.2	33.8 ± 0.4
30 ppm	0.1 ± 0.1	46.9 ± 1.4	15.9 ± 0.6	5.8 ± 1.1	16.7 ± 0.2	33.9 ± 0.5
100 ppm	0.1 ± 0.1	46.7 ± 1.4	15.8 ± 0.5	6.3 ± 0.9	16.6 ± 0.2	33.8 ± 0.4
300 ppm	0.1 ± 0.1	45.8 ± 1.4	15.7 ± 0.8	6.4 ± 1.2	16.9 ± 0.7	34.2 ± 1.4

*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.

Experiment Number: 05159-05
Species/Strain: Rat/Fischer 344

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/24/2014
Time Report Requested: 12:23:03
First Dose M/F: NA / NA
Lab: NA

MALE

Treatment Groups	Mean Corpuscular 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	Reticulocyte Count million per uL
Day 91						
0 ppm						
3 ppm	49.5 ± 0.5	0.2 ± 0.3	0.1 ± 0.1	599.7 ± 26.6	9.5 ± 0.2	0.2 ± 0.1
10 ppm	49.3 ± 0.6	0.2 ± 0.3	0.1 ± 0.1	621.1 ± 37.8	9.5 ± 0.3	0.2 ± 0.1
30 ppm	49.2 ± 0.6	0.2 ± 0.2	0.1 ± 0.1	596 ± 67	9.5 ± 0.3	0.2 ± 0.1
100 ppm	49.2 ± 0.7	0.2 ± 0.3	0.1 ± 0.1	608.7 ± 32.4	9.5 ± 0.3	0.2 ± 0.1
300 ppm	49.2 ± 0.5	0.2 ± 0.3	0.1 ± 0.1	593.5 ± 46.2	9.3 ± 0.3	0.2 ± 0.1
0 ppm						
3 ppm	49.5 ± 0.5	0.2 ± 0.3	0.1 ± 0.1	599.7 ± 26.6	9.5 ± 0.2	0.2 ± 0.1
10 ppm	49.3 ± 0.6	0.2 ± 0.3	0.1 ± 0.1	621.1 ± 37.8	9.5 ± 0.3	0.2 ± 0.1
30 ppm	49.2 ± 0.6	0.2 ± 0.2	0.1 ± 0.1	596 ± 67	9.5 ± 0.3	0.2 ± 0.1
100 ppm	49.2 ± 0.7	0.2 ± 0.3	0.1 ± 0.1	608.7 ± 32.4	9.5 ± 0.3	0.2 ± 0.1
300 ppm	49.2 ± 0.5	0.2 ± 0.3	0.1 ± 0.1	593.5 ± 46.2	9.3 ± 0.3	0.2 ± 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.

Experiment Number: 05159-05
Species/Strain: Rat/Fischer 344

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/24/2014
Time Report Requested: 12:23:03
First Dose M/F: NA / NA
Lab: NA

MALE

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

Day 91

Treatment Groups	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0 ppm		
3 ppm	1.5 ± 0.4	8 ± 0.9
10 ppm	1.5 ± 0.9	8.3 ± 1.8
30 ppm	1.2 ± 0.5	7.3 ± 1.3
100 ppm	1.4 ± 0.5	8 ± 1.1
300 ppm	1.2 ± 0.6	7.9 ± 1.3
0 ppm		
3 ppm	1.5 ± 0.4	8 ± 0.9
10 ppm	1.5 ± 0.9	8.3 ± 1.8
30 ppm	1.2 ± 0.5	7.3 ± 1.3
100 ppm	1.4 ± 0.5	8 ± 1.1
300 ppm	1.2 ± 0.6	7.9 ± 1.3

*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.

Experiment Number: 05159-05
Species/Strain: Rat/Fischer 344

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/24/2014
Time Report Requested: 12:23:03
First Dose M/F: NA / NA
Lab: NA

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 ± 0.1	45.8 ± 1.3	15.6 ± 0.4	4.2 ± 1.1	18.1 ± 0.2	34.1 ± 0.3
3 ppm	0.1 ± 0.1	46.3 ± 1.1	15.8 ± 0.4	4.6 ± 1	18.1 ± 0.1	34.2 ± 0.3
10 ppm	0.1 ± 0.1	45.7 ± 0.9	15.6 ± 0.3	4.8 ± 1	18.1 ± 0.1	34.1 ± 0.3
30 ppm	0.1 ± 0.1	45.7 ± 1.1	15.5 ± 0.3	5.1 ± 0.9	18 ± 0.2	34 ± 0.3
100 ppm	0.1 ± 0.1	44.7 ± 2.3	15.3 ± 0.6	4.4 ± 0.9	18.2 ± 0.3	34.2 ± 0.7
300 ppm	0.1 ± 0.1	**44 ± 1.1****	**15.2 ± 0.3***	4.2 ± 1	**18.4 ± 0.4***	34.5 ± 0.3

*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.

Experiment Number: 05159-05
Species/Strain: Rat/Fischer 344

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/24/2014
Time Report Requested: 12:23:03
First Dose M/F: NA / NA
Lab: NA

FEMALE

Treatment Groups	Mean Corpuscular 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	Reticulocyte Count million per uL
Day 91						
0 ppm	53 ± 0	0.2 ± 0.2	0 ± 0.1	643.3 ± 95.4	8.6 ± 0.3	0.1 ± 0.1
3 ppm	53 ± 0	0.3 ± 0.2	0.1 ± 0.1	631 ± 52.2	8.7 ± 0.2	0.1 ± 0
10 ppm	53 ± 0	0.3 ± 0.2	0.1 ± 0.1	636.4 ± 48.2	8.6 ± 0.1	0.1 ± 0
30 ppm	53 ± 0	0.3 ± 0.2	0.1 ± 0.1	665.2 ± 58.6	8.6 ± 0.2	0.1 ± 0.1
100 ppm	53.1 ± 0.3	0.2 ± 0.1	0.1 ± 0.1	673.6 ± 132.8	8.4 ± 0.4	0.1 ± 0.1
300 ppm	53.4 ± 1	0.2 ± 0.2	**0.2 ± 0.1****	666.3 ± 44.6	**8.2 ± 0.3****	0.2 ± 0

*$p < 0.05$

**$p < 0.01$

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.

Experiment Number: 05159-05

Species/Strain: Rat/Fischer 344

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/24/2014
Time Report Requested: 12:23:03
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 1000 per uL	White Blood Cell Count 1000 per uL
0 ppm	0.7 ± 0.3	5.1 ± 1.3
3 ppm	1.2 ± 0.5	6.1 ± 1.4
10 ppm	1 ± 0.5	6.2 ± 1
30 ppm	0.9 ± 0.4	6.4 ± 1.1
100 ppm	0.9 ± 0.4	5.6 ± 1
300 ppm	0.7 ± 0.3	5.1 ± 1.3

** END OF REPORT **

*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.