

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P43: Terminal Sacrifice Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:13:52

First Dose M/F: NA / NA

Lab: NA

C Number: C88036

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
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Day 92

0 ppm	86.2 ± 88	47.5 ± 2.1	16.1 ± 0.4	9473.8 ± 1869.8	19.4 ± 1.7	33.9 ± 0.8
1875 ppm	51 ± 79	44.3 ± 1.3	15.1 ± 0.5**	10325.2 ± 1201.2	19.7 ± 1.3	34 ± 0.9
3750 ppm	69.2 ± 108.1	45 ± 1.9	15.2 ± 0.5**	10432.6 ± 1700.5	19.9 ± 1.3	33.8 ± 0.9
7500 ppm	40.3 ± 71.1	45 ± 1.6	15.1 ± 0.6**	10030.2 ± 2356.2	19.8 ± 1.4	33.6 ± 1
15000 ppm	49.5 ± 99.8	44.9 ± 1.7	15 ± 0.6**	9663.4 ± 2163.8	19.7 ± 1.4	33.5 ± 0.8
30000 ppm	65.9 ± 85.5	45.9 ± 1.2	15.2 ± 0.5**	9624 ± 1855.8	19.5 ± 1.6	33.1 ± 0.8**

*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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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
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Day 92

0 ppm	57.4 ± 3.9	230.8 ± 166.2	11.5 ± 51.4	736.9 ± 87.2	8.3 ± 0.8	156286 ± 89895.9
1875 ppm	58 ± 2.4	163.9 ± 166.7	5.9 ± 26.6	857.2 ± 103.5**	7.7 ± 0.4	187845 ± 63378.9
3750 ppm	58.8 ± 2.7	173 ± 171.6	0 ± 0	879.2 ± 97.1**	7.7 ± 0.5	179186 ± 64912.8
7500 ppm	58.9 ± 2.7	178.8 ± 122.7	8.8 ± 39.1	864.8 ± 112.7**	7.7 ± 0.4	189055 ± 67797.7
15000 ppm	58.9 ± 3.1	164.7 ± 140.4	0 ± 0	905.5 ± 98.4**	7.7 ± 0.5	198572.5 ± 83633.2
30000 ppm	59.1 ± 3.5*	135.4 ± 122.2	12.3 ± 38.7	900.7 ± 118.2**	7.8 ± 0.5	214080.5 ± 79714*

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MALE

Treatment Groups	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
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Day 92

0 ppm	1769.3 ± 820.5	11.6 ± 2
1875 ppm	1649.8 ± 648.9	12.2 ± 1.6
3750 ppm	1480.2 ± 625.6	12.2 ± 2.1
7500 ppm	1850.7 ± 1078.4	12.1 ± 3.2
15000 ppm	1567.4 ± 617	11.4 ± 2.5
30000 ppm	1899.7 ± 1080.6	11.7 ± 2.3

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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
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Day 92

0 ppm	62.5 ± 77.1	46.4 ± 2.1	15.8 ± 0.7	7491.9 ± 844	20.4 ± 1.1	34.1 ± 0.9
1875 ppm	62.1 ± 88.4	43.3 ± 2	14.4 ± 0.7**	8885 ± 1959.6	20.8 ± 1.2	33.4 ± 0.6**
3750 ppm	54.1 ± 82.4	44 ± 0.9	14.7 ± 0.5**	8551.5 ± 1366.1	20.5 ± 1.2	33.3 ± 0.8**
7500 ppm	37.6 ± 63.1	44.5 ± 1.2	14.6 ± 0.5**	8148.4 ± 2011.8	20.3 ± 1	32.9 ± 0.6**
15000 ppm	40.2 ± 77	44.6 ± 1.5	14.7 ± 0.6**	8557.1 ± 1565	20.4 ± 1.1	33 ± 0.8**
30000 ppm	28.6 ± 55	44 ± 2**	14.4 ± 0.8**	8497.3 ± 1431.8	20.2 ± 1.1	32.8 ± 0.9**

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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
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Day 92

0 ppm	60 ± 2.5	120 ± 140.5	14.4 ± 35.2	752.5 ± 70.5	7.8 ± 0.3	111421.5 ± 51316.9
1875 ppm	62.5 ± 3.2	114 ± 152.6	22.6 ± 46.4	817.6 ± 86.3*	6.9 ± 0.4**	266720.5 ± 142061**
3750 ppm	61.5 ± 2.3	107.9 ± 126.5	14.5 ± 48.5	861.9 ± 48**	7.2 ± 0.3**	255601.5 ± 65213.3**
7500 ppm	61.7 ± 2.3	84.8 ± 136.9	27.2 ± 45.5	875.5 ± 55.6**	7.2 ± 0.3**	258879.5 ± 67169**
15000 ppm	61.8 ± 2.4	98.5 ± 123.4	18.9 ± 46.4	885.2 ± 85.5**	7.2 ± 0.3**	237511.5 ± 59454**
30000 ppm	61.5 ± 2.3	95.1 ± 105.6	4.1 ± 18.3	899.6 ± 74.8**	7.2 ± 0.3**	246277 ± 52710.2**

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FEMALE

Treatment Groups	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
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Day 92

0 ppm	1425.5 ± 713.2	9.1 ± 1
1875 ppm	1388.8 ± 626.7	10.5 ± 2.3
3750 ppm	1281.5 ± 692.7	10 ± 1.4
7500 ppm	1079.3 ± 452.5	9.3 ± 2.1
15000 ppm	1179.2 ± 538	9.9 ± 1.8
30000 ppm	1104 ± 532.1	9.7 ± 1.7

**** END OF REPORT ****

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**p < 0.01

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