

**Experiment Number:** 88036-01

**Species/Strain:** Rat/Fischer 344

**P44: Hematology Data**

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 02:15:14

**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

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:15:14

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Band Neutrophil Count 1000 per microliter	Basophil Count 1000 per uL	Eosinophil Count	Hematocrit %
0001_01	0 ppm	Day : 92	0	0	0	48.3
0002_01	0 ppm	Day : 92	0	0	112	47.8
0003_01	0 ppm	Day : 92	0	0	115	46.5
0004_01	0 ppm	Day : 92	0	0	216	50
0005_01	0 ppm	Day : 92	0	0	0	48.6
0006_01	0 ppm	Day : 92	0	0	176	47.1
0007_01	0 ppm	Day : 92	0	0	120	49.3
0008_01	0 ppm	Day : 92	0	0	0	48.5
0009_01	0 ppm	Day : 92	0	0	258	52.8
0010_01	0 ppm	Day : 92	0	0	143	50.3
0011_01	1875 ppm	Day : 92	0	0	276	46
0012_01	1875 ppm	Day : 92	0	0	120	42.2
0013_01	1875 ppm	Day : 92	0	0	0	44.7
0014_01	1875 ppm	Day : 92	0	0	0	43.5
0015_01	1875 ppm	Day : 92	0	0	0	43.7
0016_01	1875 ppm	Day : 92	0	0	0	46
0017_01	1875 ppm	Day : 92	0	0	125	43.1
0018_01	1875 ppm	Day : 92	0	0	162	45.9
0019_01	1875 ppm	Day : 92	0	0	119	46
0020_01	1875 ppm	Day : 92	0	0	0	44.3
0021_01	3750 ppm	Day : 92	0	0	0	42.8

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First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Band Neutrophil Count 1000 per microliter	Basophil Count 1000 per uL	Eosinophil Count	Hematocrit %
0022_01	3750 ppm	Day : 92	0	0	130	45.1
0023_01	3750 ppm	Day : 92	0	0	0	45.4
0024_01	3750 ppm	Day : 92	0	0	228	45.5
0025_01	3750 ppm	Day : 92	0	0	216	43.1
0026_01	3750 ppm	Day : 92	0	0	360	46.5
0027_01	3750 ppm	Day : 92	0	0	143	47.7
0028_01	3750 ppm	Day : 92	0	0	0	45
0029_01	3750 ppm	Day : 92	0	0	204	49.9
0030_01	3750 ppm	Day : 92	0	0	0	45.2
0031_01	7500 ppm	Day : 92	0	0	0	47.9
0032_01	7500 ppm	Day : 92	0	0	0	43.7
0033_01	7500 ppm	Day : 92	0	0	0	42.8
0034_01	7500 ppm	Day : 92	0	0	0	44.9
0035_01	7500 ppm	Day : 92	0	0	0	42.9
0036_01	7500 ppm	Day : 92	0	0	0	43.8
0037_01	7500 ppm	Day : 92	0	0	112	43.6
0038_01	7500 ppm	Day : 92	0	0	0	46.4
0039_01	7500 ppm	Day : 92	0	0	0	46.7
0040_01	7500 ppm	Day : 92	0	0	262	46.3
0041_01	15000 ppm	Day : 92	0	0	0	42.3
0042_01	15000 ppm	Day : 92	0	0	0	43

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First Dose M/F: NA / NA

Lab: NA

## MALE

Animal No.	Dose	Time In Study	Band Neutrophil Count 1000 per microliter	Basophil Count 1000 per uL	Eosinophil Count	Hematocrit %
0043_01	15000 ppm	Day : 92	0	0	0	47.3
0044_01	15000 ppm	Day : 92	0	0	0	43.9
0045_01	15000 ppm	Day : 92	0	0	260	46.1
0046_01	15000 ppm	Day : 92	0	0	324	46.6
0047_01	15000 ppm	Day : 92	0	0	89	45.1
0048_01	15000 ppm	Day : 92	0	0	98	43.7
0049_01	15000 ppm	Day : 92	0	0	0	42.1
0050_01	15000 ppm	Day : 92	0	0	0	48
0051_01	30000 ppm	Day : 92	0	0	0	44.5
0052_01	30000 ppm	Day : 92	0	0	102	43.2
0053_01	30000 ppm	Day : 92	0	0	0	47.9
0054_01	30000 ppm	Day : 92	0	0	132	45.9
0055_01	30000 ppm	Day : 92	0	0	0	45.4
0056_01	30000 ppm	Day : 92	0	0	0	46.4
0057_01	30000 ppm	Day : 92	0	0	0	47.8
0058_01	30000 ppm	Day : 92	0	0	109	47.5
0059_01	30000 ppm	Day : 92	0	0	294	45.8
0060_01	30000 ppm	Day : 92	0	0	0	47
0121_01	0 ppm	Day : 4	0	0	0	41.1
0121_01	0 ppm	Day : 22	0	0	0	46.3
0122_01	0 ppm	Day : 4	0	0	95	39.7

## MALE

Animal No.	Dose	Time In Study	Band Neutrophil Count 1000 per microliter	Basophil Count 1000 per uL	Eosinophil Count	Hematocrit %
0122_01	0 ppm	Day : 22	0	0	0	49
0123_01	0 ppm	Day : 4	0	0	0	40.6
0123_01	0 ppm	Day : 22	0	0	0	44.8
0124_01	0 ppm	Day : 4	0	0	0	41.2
0124_01	0 ppm	Day : 22	0	0	106	45.2
0125_01	0 ppm	Day : 4	0	0	0	39.1
0125_01	0 ppm	Day : 22	0	0	0	45.5
0126_01	0 ppm	Day : 4	0	0	68	38.9
0126_01	0 ppm	Day : 22	0	0	0	46.6
0127_01	0 ppm	Day : 4	0	0	0	40.2
0127_01	0 ppm	Day : 22	0	0	202	46.8
0128_01	0 ppm	Day : 4	0	0	0	39.9
0128_01	0 ppm	Day : 22	0	0	0	45.3
0129_01	0 ppm	Day : 22	0	0	115	45.5
0130_01	0 ppm	Day : 4	0	0	98	41.2
0130_01	0 ppm	Day : 22	0	0	160	45.8
0131_01	1875 ppm	Day : 4	0	0	0	42.7
0131_01	1875 ppm	Day : 22	0	0	0	44.3
0132_01	1875 ppm	Day : 22	0	0	0	45.9
0133_01	1875 ppm	Day : 4	0	0	0	41.2
0133_01	1875 ppm	Day : 22	0	0	0	44.8

## MALE

Animal No.	Dose	Time In Study	Band Neutrophil Count 1000 per microliter	Basophil Count 1000 per uL	Eosinophil Count	Hematocrit %
0134_01	1875 ppm	Day : 4	117	0	0	39.3
0134_01	1875 ppm	Day : 22	0	0	100	43.9
0135_01	1875 ppm	Day : 4	0	0	149	39.1
0135_01	1875 ppm	Day : 22	0	0	0	42.9
0136_01	1875 ppm	Day : 4	0	0	0	41
0136_01	1875 ppm	Day : 22	0	0	0	46.1
0137_01	1875 ppm	Day : 4	0	0	0	40
0137_01	1875 ppm	Day : 22	0	0	0	44.2
0138_01	1875 ppm	Day : 4	0	0	0	40.9
0138_01	1875 ppm	Day : 22	0	0	118	43.8
0139_01	1875 ppm	Day : 4	0	0	0	40.9
0139_01	1875 ppm	Day : 22	0	0	0	42.5
0140_01	1875 ppm	Day : 4	0	0	0	39.5
0140_01	1875 ppm	Day : 22	0	0	0	43.1
0141_01	3750 ppm	Day : 4	0	0	96	41.1
0141_01	3750 ppm	Day : 22	0	0	0	45.1
0142_01	3750 ppm	Day : 4	0	0	0	40.3
0142_01	3750 ppm	Day : 22	0	0	0	40.7
0143_01	3750 ppm	Day : 4	0	0	0	41.8
0143_01	3750 ppm	Day : 22	0	0	0	44
0144_01	3750 ppm	Day : 4	0	0	114	42.7

## MALE

Animal No.	Dose	Time In Study	Band Neutrophil Count 1000 per microliter	Basophil Count 1000 per uL	Eosinophil Count	Hematocrit %
0144_01	3750 ppm	Day : 22	0	0	0	44
0145_01	3750 ppm	Day : 4	0	0	0	41.3
0145_01	3750 ppm	Day : 22	0	0	0	45
0146_01	3750 ppm	Day : 4	0	0	0	39.9
0146_01	3750 ppm	Day : 22	0	0	103	45
0147_01	3750 ppm	Day : 4	0	0	0	40.3
0147_01	3750 ppm	Day : 22	0	0	0	44.4
0148_01	3750 ppm	Day : 4	0	0	0	41.2
0148_01	3750 ppm	Day : 22	0	0	0	44.5
0149_01	3750 ppm	Day : 4	0	0	0	40.6
0149_01	3750 ppm	Day : 22	0	0	0	46.6
0150_01	3750 ppm	Day : 4	0	0	0	41.8
0150_01	3750 ppm	Day : 22	0	0	0	43.9
0151_01	7500 ppm	Day : 4	0	0	0	43.3
0151_01	7500 ppm	Day : 22	0	0	92	44.6
0152_01	7500 ppm	Day : 4	0	0	0	44
0152_01	7500 ppm	Day : 22	0	0	0	44.3
0153_01	7500 ppm	Day : 4	0	0	0	39.8
0153_01	7500 ppm	Day : 22	0	0	0	42.1
0154_01	7500 ppm	Day : 4	0	0	0	42.8
0154_01	7500 ppm	Day : 22	0	0	106	45.4

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Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Band Neutrophil Count 1000 per microliter	Basophil Count 1000 per uL	Eosinophil Count	Hematocrit %
0155_01	7500 ppm	Day : 4	109	0	0	42.6
0155_01	7500 ppm	Day : 22	0	0	0	44.7
0156_01	7500 ppm	Day : 4	0	0	91	42.7
0156_01	7500 ppm	Day : 22	0	0	0	45.3
0157_01	7500 ppm	Day : 4	0	0	0	40.9
0157_01	7500 ppm	Day : 22	0	0	0	44.7
0158_01	7500 ppm	Day : 4	0	0	0	41.2
0158_01	7500 ppm	Day : 22	0	0	108	46.1
0159_01	7500 ppm	Day : 4	0	0	0	44.8
0159_01	7500 ppm	Day : 22	0	0	126	47.3
0160_01	7500 ppm	Day : 4	0	0	0	41.7
0160_01	7500 ppm	Day : 22	0	0	0	46
0161_01	15000 ppm	Day : 4	0	0	0	44.6
0161_01	15000 ppm	Day : 22	0	0	220	46.8
0162_01	15000 ppm	Day : 4	0	0	83	42.3
0162_01	15000 ppm	Day : 22	0	0	0	45.4
0163_01	15000 ppm	Day : 4	0	0	0	43
0163_01	15000 ppm	Day : 22	0	0	0	45.6
0164_01	15000 ppm	Day : 4	0	0	0	41.4
0164_01	15000 ppm	Day : 22	0	0	0	46.3
0165_01	15000 ppm	Day : 4	0	0	0	43.1



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Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Band Neutrophil Count 1000 per microliter	Basophil Count 1000 per uL	Eosinophil Count	Hematocrit %
0165_01	15000 ppm	Day : 22	0	0	0	44
0166_01	15000 ppm	Day : 4	0	0	0	43.2
0166_01	15000 ppm	Day : 22	0	0	0	44
0167_01	15000 ppm	Day : 4	0	0	0	44.4
0167_01	15000 ppm	Day : 22	0	0	0	43.3
0168_01	15000 ppm	Day : 4	0	0	105	43.9
0168_01	15000 ppm	Day : 22	0	0	0	46.4
0169_01	15000 ppm	Day : 4	0	0	125	42.5
0169_01	15000 ppm	Day : 22	0	0	0	44
0170_01	15000 ppm	Day : 4	0	0	0	42.3
0170_01	15000 ppm	Day : 22	0	0	0	44.3
0171_01	30000 ppm	Day : 22	0	0	198	46
0172_01	30000 ppm	Day : 4	0	0	0	41.7
0172_01	30000 ppm	Day : 22	0	0	110	44.9
0173_01	30000 ppm	Day : 4	0	0	0	43.8
0173_01	30000 ppm	Day : 22	0	0	98	45.3
0174_01	30000 ppm	Day : 4	0	0	0	43.1
0174_01	30000 ppm	Day : 22	0	0	0	47.1
0175_01	30000 ppm	Day : 4	0	0	0	43.9
0175_01	30000 ppm	Day : 22	0	0	115	44.5
0176_01	30000 ppm	Day : 4	0	0	0	44.8

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First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Band Neutrophil Count 1000 per microliter	Basophil Count 1000 per uL	Eosinophil Count	Hematocrit %
0176_01	30000 ppm	Day : 22	0	0	160	46.8
0177_01	30000 ppm	Day : 4	0	0	0	37.3
0177_01	30000 ppm	Day : 22	0	0	0	45.8
0178_01	30000 ppm	Day : 4	0	0	0	44.7
0178_01	30000 ppm	Day : 22	0	0	0	45.6
0179_01	30000 ppm	Day : 4	0	0	0	42.3
0179_01	30000 ppm	Day : 22	0	0	0	45.7
0180_01	30000 ppm	Day : 4	0	0	0	41.7
0180_01	30000 ppm	Day : 22	0	0	0	45.8

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Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:15:15

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
0001_01	0 ppm	Day : 92	16.5	8100	18.3	34.2
0002_01	0 ppm	Day : 92	15.7	8176	17.6	32.8
0003_01	0 ppm	Day : 92	15.8	8740	18.3	34
0004_01	0 ppm	Day : 92	16.4	8748	17.4	32.8
0005_01	0 ppm	Day : 92	16.4	9801	18	33.7
0006_01	0 ppm	Day : 92	15.8	7040	18	33.5
0007_01	0 ppm	Day : 92	16.5	8040	17.5	33.5
0008_01	0 ppm	Day : 92	16.2	9975	17.9	33.4
0009_01	0 ppm	Day : 92	17.2	10836	18	32.6
0010_01	0 ppm	Day : 92	16.4	11154	17.5	32.6
0011_01	1875 ppm	Day : 92	15.6	11040	18.7	33.9
0012_01	1875 ppm	Day : 92	14.3	10560	18.7	33.9
0013_01	1875 ppm	Day : 92	15.2	10120	19	34
0014_01	1875 ppm	Day : 92	14.6	10875	19	33.6
0015_01	1875 ppm	Day : 92	14.3	9594	18.2	32.7
0016_01	1875 ppm	Day : 92	15.1	10980	18.4	32.8
0017_01	1875 ppm	Day : 92	14.1	10125	18.2	32.7
0018_01	1875 ppm	Day : 92	15.2	12636	18.3	33.1
0019_01	1875 ppm	Day : 92	15.4	10234	18.6	33.5
0020_01	1875 ppm	Day : 92	14.8	11869	18.2	33.4
0021_01	3750 ppm	Day : 92	14.5	10416	18.9	33.9

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P44: Hematology Data

Date Report Requested: 10/26/2014

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First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
0022_01	3750 ppm	Day : 92	15	10790	18.6	33.3
0023_01	3750 ppm	Day : 92	15	9912	18.7	33
0024_01	3750 ppm	Day : 92	14.9	9690	18.1	32.7
0025_01	3750 ppm	Day : 92	14.7	9288	19.3	34.1
0026_01	3750 ppm	Day : 92	15.1	15480	18.3	32.5
0027_01	3750 ppm	Day : 92	15.6	13013	18.2	32.7
0028_01	3750 ppm	Day : 92	15	12298	18.5	33.3
0029_01	3750 ppm	Day : 92	16.1	8874	18.6	32.3
0030_01	3750 ppm	Day : 92	15	12089	18.7	33.2
0031_01	7500 ppm	Day : 92	15.4	14000	18.1	32.2
0032_01	7500 ppm	Day : 92	14	9672	17.9	32
0033_01	7500 ppm	Day : 92	14.3	12312	18.6	33.4
0034_01	7500 ppm	Day : 92	14.7	11858	18.5	32.7
0035_01	7500 ppm	Day : 92	14.4	8544	18.6	33.6
0036_01	7500 ppm	Day : 92	14.1	8586	18.4	32.2
0037_01	7500 ppm	Day : 92	14.5	9184	18.2	33.3
0038_01	7500 ppm	Day : 92	15.6	14040	19	33.6
0039_01	7500 ppm	Day : 92	15.3	13650	18.3	32.8
0040_01	7500 ppm	Day : 92	15.1	10873	18.4	32.6
0041_01	15000 ppm	Day : 92	14.5	7600	19.7	34.3
0042_01	15000 ppm	Day : 92	14.5	11786	18.6	33.7

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**MALE**


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Animal No.	Dose	Time In Study	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
0043_01	15000 ppm	Day : 92	15.6	14442	18.6	33
0044_01	15000 ppm	Day : 92	14.4	12144	18.5	32.8
0045_01	15000 ppm	Day : 92	14.8	10400	17.7	32.1
0046_01	15000 ppm	Day : 92	15.1	12960	17.7	32.4
0047_01	15000 ppm	Day : 92	14.6	7387	17.7	32.4
0048_01	15000 ppm	Day : 92	14.4	7840	18.8	33
0049_01	15000 ppm	Day : 92	13.8	10112	18.5	32.8
0050_01	15000 ppm	Day : 92	15.6	10664	17.9	32.5
0051_01	30000 ppm	Day : 92	14.6	9296	18.2	32.8
0052_01	30000 ppm	Day : 92	13.8	8262	17.8	31.9
0053_01	30000 ppm	Day : 92	15.4	9594	17.8	32.2
0054_01	30000 ppm	Day : 92	14.9	10824	18.6	32.5
0055_01	30000 ppm	Day : 92	14.7	13778	17.8	32.4
0056_01	30000 ppm	Day : 92	15.2	10209	18.4	32.8
0057_01	30000 ppm	Day : 92	15.4	6902	17.9	32.2
0058_01	30000 ppm	Day : 92	14.9	9483	16.9	31.4
0059_01	30000 ppm	Day : 92	14.9	11319	18.1	32.5
0060_01	30000 ppm	Day : 92	15.3	12556	18.5	32.6
0121_01	0 ppm	Day : 4	14.3	8722	21.7	34.8
0121_01	0 ppm	Day : 22	15.8	11528	20.6	34.1
0122_01	0 ppm	Day : 4	13.6	7600	21.6	34.3

## MALE

Animal No.	Dose	Time In Study	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
0122_01	0 ppm	Day : 22	16.5	11421	20.6	33.7
0123_01	0 ppm	Day : 4	13.7	7040	21.4	33.7
0123_01	0 ppm	Day : 22	15.4	7476	20.8	34.4
0124_01	0 ppm	Day : 4	13.9	8910	21.2	33.7
0124_01	0 ppm	Day : 22	15.8	9222	21.6	35
0125_01	0 ppm	Day : 4	13.8	9831	22.3	35.3
0125_01	0 ppm	Day : 22	15.7	7740	21	34.5
0126_01	0 ppm	Day : 4	13.3	5236	21.6	34.2
0126_01	0 ppm	Day : 22	16	12528	20.9	34.3
0127_01	0 ppm	Day : 4	13.5	6237	21	33.6
0127_01	0 ppm	Day : 22	16.1	8484	21	34.4
0128_01	0 ppm	Day : 4	13.5	7020	21.4	33.8
0128_01	0 ppm	Day : 22	15.8	13432	21.2	34.9
0129_01	0 ppm	Day : 22	16	10235	21.5	35.2
0130_01	0 ppm	Day : 4	14.3	7742	21.8	34.7
0130_01	0 ppm	Day : 22	15.6	6800	21.1	34.1
0131_01	1875 ppm	Day : 4	14.8	12848	21.9	34.7
0131_01	1875 ppm	Day : 22	15.2	11900	20.6	34.3
0132_01	1875 ppm	Day : 22	15.6	9202	20.7	34
0133_01	1875 ppm	Day : 4	14	9288	21	34
0133_01	1875 ppm	Day : 22	15.3	10375	20.3	34.2

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**MALE**


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Animal No.	Dose	Time In Study	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
0134_01	1875 ppm	Day : 4	13.4	9594	21.6	34.1
0134_01	1875 ppm	Day : 22	15.4	8200	21	35.1
0135_01	1875 ppm	Day : 4	13.8	13410	22	35.3
0135_01	1875 ppm	Day : 22	15	8366	20.9	35
0136_01	1875 ppm	Day : 4	14.1	8633	21.9	34.4
0136_01	1875 ppm	Day : 22	15.9	11528	20.4	34.5
0137_01	1875 ppm	Day : 4	13.5	6636	21.1	33.8
0137_01	1875 ppm	Day : 22	15.2	8455	20.9	34.4
0138_01	1875 ppm	Day : 4	14.1	8900	21.9	34.5
0138_01	1875 ppm	Day : 22	15.2	9558	20.9	34.7
0139_01	1875 ppm	Day : 4	13.7	8925	21.1	33.5
0139_01	1875 ppm	Day : 22	15.1	10680	21.6	35.5
0140_01	1875 ppm	Day : 4	13.2	9628	21.3	33.4
0140_01	1875 ppm	Day : 22	15.3	10208	21.6	35.5
0141_01	3750 ppm	Day : 4	14.3	7584	21.9	34.8
0141_01	3750 ppm	Day : 22	15.6	10560	20.9	34.6
0142_01	3750 ppm	Day : 4	13.7	7980	21.1	34
0142_01	3750 ppm	Day : 22	14.3	8610	21.7	35.1
0143_01	3750 ppm	Day : 4	14.4	8692	21.6	34.4
0143_01	3750 ppm	Day : 22	15.1	9558	20.8	34.3
0144_01	3750 ppm	Day : 4	14.4	8892	21.1	33.7

## MALE

Animal No.	Dose	Time In Study	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
0144_01	3750 ppm	Day : 22	15.2	10384	21.1	34.5
0145_01	3750 ppm	Day : 4	13.9	7383	21.1	33.7
0145_01	3750 ppm	Day : 22	15.3	9114	21.2	34
0146_01	3750 ppm	Day : 4	13.9	7209	21.8	34.8
0146_01	3750 ppm	Day : 22	15.6	9270	21.2	34.7
0147_01	3750 ppm	Day : 4	13.8	7134	21.4	34.2
0147_01	3750 ppm	Day : 22	15.4	8798	21	34.7
0148_01	3750 ppm	Day : 4	14.1	6557	21.5	34.2
0148_01	3750 ppm	Day : 22	15.3	9256	20.8	34.4
0149_01	3750 ppm	Day : 4	12.1	5865	18.7	29.8
0149_01	3750 ppm	Day : 22	16	11160	20.9	34.3
0150_01	3750 ppm	Day : 4	14.5	10922	22	34.7
0150_01	3750 ppm	Day : 22	15.4	10092	21.6	35.1
0151_01	7500 ppm	Day : 4	14.1	6474	20.7	32.6
0151_01	7500 ppm	Day : 22	15	7636	20.6	33.6
0152_01	7500 ppm	Day : 4	14.8	9116	21.1	33.6
0152_01	7500 ppm	Day : 22	15.6	8700	21.5	35.2
0153_01	7500 ppm	Day : 4	13.5	6370	21.9	33.9
0153_01	7500 ppm	Day : 22	14.6	6210	21.7	34.7
0154_01	7500 ppm	Day : 4	14.4	9976	21	33.6
0154_01	7500 ppm	Day : 22	15.4	8374	20.7	33.9



Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:15:16

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
0155_01	7500 ppm	Day : 4	14.9	9483	21.8	35
0155_01	7500 ppm	Day : 22	15.7	10788	21.3	35.1
0156_01	7500 ppm	Day : 4	14.9	7644	21.6	34.9
0156_01	7500 ppm	Day : 22	15.7	7560	21	34.7
0157_01	7500 ppm	Day : 4	14.4	13112	22.3	35.2
0157_01	7500 ppm	Day : 22	15.2	6786	20.8	34
0158_01	7500 ppm	Day : 4	14.1	6640	21.2	34.2
0158_01	7500 ppm	Day : 22	15.8	9180	20.9	34.3
0159_01	7500 ppm	Day : 4	14.9	8568	21	33.3
0159_01	7500 ppm	Day : 22	16.2	11214	21.2	34.2
0160_01	7500 ppm	Day : 4	14.5	8352	21.9	34.8
0160_01	7500 ppm	Day : 22	15.7	11438	21.4	34.1
0161_01	15000 ppm	Day : 4	15.3	9570	21.5	34.3
0161_01	15000 ppm	Day : 22	16	8690	21.1	34.2
0162_01	15000 ppm	Day : 4	14.6	6889	21.3	34.5
0162_01	15000 ppm	Day : 22	15.6	8484	20.9	34.4
0163_01	15000 ppm	Day : 4	14.5	11739	20.5	33.7
0163_01	15000 ppm	Day : 22	15.7	11508	21	34.4
0164_01	15000 ppm	Day : 4	14.1	8585	21	34.1
0164_01	15000 ppm	Day : 22	15.6	9701	20.6	33.7
0165_01	15000 ppm	Day : 4	14.4	9191	20.9	33.4

## MALE

Animal No.	Dose	Time In Study	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
0165_01	15000 ppm	Day : 22	14.9	9936	21.1	33.9
0166_01	15000 ppm	Day : 4	14.6	5082	20.5	33.8
0166_01	15000 ppm	Day : 22	15.2	7020	21.3	34.5
0167_01	15000 ppm	Day : 4	14.9	6764	21	33.6
0167_01	15000 ppm	Day : 22	14.6	6068	20.8	33.7
0168_01	15000 ppm	Day : 4	14.9	8505	21.3	33.9
0168_01	15000 ppm	Day : 22	15.8	9890	20.7	34.1
0169_01	15000 ppm	Day : 4	14.3	10125	21.1	33.6
0169_01	15000 ppm	Day : 22	14.9	7735	20.8	33.9
0170_01	15000 ppm	Day : 4	14.3	8568	21.2	33.8
0170_01	15000 ppm	Day : 22	15	8900	21.2	33.9
0171_01	30000 ppm	Day : 22	15.6	8118	21.5	33.9
0172_01	30000 ppm	Day : 4	14.3	8463	21.2	34.3
0172_01	30000 ppm	Day : 22	15	9900	20.5	33.4
0173_01	30000 ppm	Day : 4	14.6	8400	20.8	33.3
0173_01	30000 ppm	Day : 22	15.2	8134	21	33.6
0174_01	30000 ppm	Day : 4	14.4	7387	20.9	33.4
0174_01	30000 ppm	Day : 22	15.8	8184	20.9	33.5
0175_01	30000 ppm	Day : 4	15.1	9860	21.5	34.4
0175_01	30000 ppm	Day : 22	15.3	10235	21.4	34.4
0176_01	30000 ppm	Day : 4	15.3	6240	21.1	34.2

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:15:16

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
0176_01	30000 ppm	Day : 22	15.7	6320	20.9	33.5
0177_01	30000 ppm	Day : 4	12.5	8190	20.9	33.5
0177_01	30000 ppm	Day : 22	15.7	10146	21.4	34.3
0178_01	30000 ppm	Day : 4	15	8084	20.7	33.6
0178_01	30000 ppm	Day : 22	15.3	7840	20.7	33.6
0179_01	30000 ppm	Day : 4	14.7	6930	21.8	34.8
0179_01	30000 ppm	Day : 22	15.6	11659	21.5	34.1
0180_01	30000 ppm	Day : 4	14.4	8500	21.3	34.5
0180_01	30000 ppm	Day : 22	15.4	9720	21	33.6

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**MALE**


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Animal No.	Dose	Time In Study	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL
0001_01	0 ppm	Day : 92	54	100	0	596
0002_01	0 ppm	Day : 92	54	224	0	628
0003_01	0 ppm	Day : 92	54	230	0	605
0004_01	0 ppm	Day : 92	53	108	0	692
0005_01	0 ppm	Day : 92	53	242	0	635
0006_01	0 ppm	Day : 92	54	88	0	654
0007_01	0 ppm	Day : 92	52	120	0	746
0008_01	0 ppm	Day : 92	54	266	0	712
0009_01	0 ppm	Day : 92	55	129	0	721
0010_01	0 ppm	Day : 92	54	143	0	694
0011_01	1875 ppm	Day : 92	55	276	0	812
0012_01	1875 ppm	Day : 92	55	0	0	747
0013_01	1875 ppm	Day : 92	56	115	0	727
0014_01	1875 ppm	Day : 92	57	125	0	926
0015_01	1875 ppm	Day : 92	56	0	0	755
0016_01	1875 ppm	Day : 92	56	0	0	782
0017_01	1875 ppm	Day : 92	56	250	0	685
0018_01	1875 ppm	Day : 92	55	0	0	797
0019_01	1875 ppm	Day : 92	56	119	119	704
0020_01	1875 ppm	Day : 92	55	0	0	758
0021_01	3750 ppm	Day : 92	56	0	0	810

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:15:16

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL
0022_01	3750 ppm	Day : 92	56	0	0	790
0023_01	3750 ppm	Day : 92	57	118	0	806
0024_01	3750 ppm	Day : 92	55	0	0	825
0025_01	3750 ppm	Day : 92	57	108	0	719
0026_01	3750 ppm	Day : 92	56	180	0	809
0027_01	3750 ppm	Day : 92	56	0	0	777
0028_01	3750 ppm	Day : 92	55	0	0	802
0029_01	3750 ppm	Day : 92	58	0	0	770
0030_01	3750 ppm	Day : 92	56	314	0	791
0031_01	7500 ppm	Day : 92	56	175	175	831
0032_01	7500 ppm	Day : 92	56	124	0	729
0033_01	7500 ppm	Day : 92	56	342	0	773
0034_01	7500 ppm	Day : 92	57	154	0	673
0035_01	7500 ppm	Day : 92	56	96	0	784
0036_01	7500 ppm	Day : 92	57	318	0	718
0037_01	7500 ppm	Day : 92	55	0	0	765
0038_01	7500 ppm	Day : 92	57	156	0	825
0039_01	7500 ppm	Day : 92	56	175	0	776
0040_01	7500 ppm	Day : 92	57	0	0	765
0041_01	15000 ppm	Day : 92	58	95	0	754
0042_01	15000 ppm	Day : 92	55	284	0	775

## MALE

Animal No.	Dose	Time In Study	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL
0043_01	15000 ppm	Day : 92	56	0	0	857
0044_01	15000 ppm	Day : 92	57	0	0	786
0045_01	15000 ppm	Day : 92	55	130	0	812
0046_01	15000 ppm	Day : 92	55	0	0	954
0047_01	15000 ppm	Day : 92	55	178	0	902
0048_01	15000 ppm	Day : 92	57	98	0	813
0049_01	15000 ppm	Day : 92	57	128	0	771
0050_01	15000 ppm	Day : 92	55	124	0	820
0051_01	30000 ppm	Day : 92	56	0	0	784
0052_01	30000 ppm	Day : 92	56	0	0	775
0053_01	30000 ppm	Day : 92	55	0	0	863
0054_01	30000 ppm	Day : 92	57	264	0	784
0055_01	30000 ppm	Day : 92	55	0	0	877
0056_01	30000 ppm	Day : 92	56	246	0	804
0057_01	30000 ppm	Day : 92	56	238	0	864
0058_01	30000 ppm	Day : 92	54	0	0	901
0059_01	30000 ppm	Day : 92	56	0	147	630
0060_01	30000 ppm	Day : 92	57	344	0	783
0121_01	0 ppm	Day : 4	62	196	0	948
0121_01	0 ppm	Day : 22	60	393	0	866
0122_01	0 ppm	Day : 4	63	285	95	998

## MALE

Animal No.	Dose	Time In Study	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL
0122_01	0 ppm	Day : 22	61	564	0	783
0123_01	0 ppm	Day : 4	63	88	88	1046
0123_01	0 ppm	Day : 22	61	0	0	817
0124_01	0 ppm	Day : 4	63	0	198	694
0124_01	0 ppm	Day : 22	62	106	0	705
0125_01	0 ppm	Day : 4	63	113	113	512
0125_01	0 ppm	Day : 22	61	90	0	860
0126_01	0 ppm	Day : 4	63	272	0	945
0126_01	0 ppm	Day : 22	61	576	0	833
0127_01	0 ppm	Day : 4	63	231	154	1004
0127_01	0 ppm	Day : 22	61	505	0	833
0128_01	0 ppm	Day : 4	63	360	90	940
0128_01	0 ppm	Day : 22	61	146	0	795
0129_01	0 ppm	Day : 22	61	345	230	727
0130_01	0 ppm	Day : 4	63	392	196	977
0130_01	0 ppm	Day : 22	62	240	0	836
0131_01	1875 ppm	Day : 4	63	438	146	575
0131_01	1875 ppm	Day : 22	60	420	0	971
0132_01	1875 ppm	Day : 22	61	107	0	915
0133_01	1875 ppm	Day : 4	62	432	0	961
0133_01	1875 ppm	Day : 22	59	375	0	923

## MALE

Animal No.	Dose	Time In Study	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL
0134_01	1875 ppm	Day : 4	63	468	234	827
0134_01	1875 ppm	Day : 22	60	300	0	911
0135_01	1875 ppm	Day : 4	62	298	149	850
0135_01	1875 ppm	Day : 22	60	0	0	964
0136_01	1875 ppm	Day : 4	64	291	194	1031
0136_01	1875 ppm	Day : 22	59	262	0	979
0137_01	1875 ppm	Day : 4	63	395	0	921
0137_01	1875 ppm	Day : 22	61	95	0	984
0138_01	1875 ppm	Day : 4	64	300	300	969
0138_01	1875 ppm	Day : 22	60	118	0	926
0139_01	1875 ppm	Day : 4	63	420	0	950
0139_01	1875 ppm	Day : 22	61	600	0	915
0140_01	1875 ppm	Day : 4	64	0	116	534
0140_01	1875 ppm	Day : 22	61	116	0	963
0141_01	3750 ppm	Day : 4	63	480	96	925
0141_01	3750 ppm	Day : 22	61	360	0	982
0142_01	3750 ppm	Day : 4	62	380	0	828
0142_01	3750 ppm	Day : 22	62	315	0	965
0143_01	3750 ppm	Day : 4	63	636	0	1001
0143_01	3750 ppm	Day : 22	61	472	0	955
0144_01	3750 ppm	Day : 4	62	342	114	962



## MALE

Animal No.	Dose	Time In Study	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL
0144_01	3750 ppm	Day : 22	61	118	0	974
0145_01	3750 ppm	Day : 4	63	535	107	912
0145_01	3750 ppm	Day : 22	62	98	0	1051
0146_01	3750 ppm	Day : 4	63	356	178	904
0146_01	3750 ppm	Day : 22	61	103	0	952
0147_01	3750 ppm	Day : 4	62	164	0	921
0147_01	3750 ppm	Day : 22	61	106	0	922
0148_01	3750 ppm	Day : 4	63	498	166	891
0148_01	3750 ppm	Day : 22	61	208	0	991
0149_01	3750 ppm	Day : 4	63	483	0	882
0149_01	3750 ppm	Day : 22	61	496	0	963
0150_01	3750 ppm	Day : 4	64	381	0	735
0150_01	3750 ppm	Day : 22	62	464	0	931
0151_01	7500 ppm	Day : 4	64	234	78	902
0151_01	7500 ppm	Day : 22	61	184	0	952
0152_01	7500 ppm	Day : 4	63	318	0	997
0152_01	7500 ppm	Day : 22	61	100	0	999
0153_01	7500 ppm	Day : 4	65	70	70	1187
0153_01	7500 ppm	Day : 22	62	69	0	923
0154_01	7500 ppm	Day : 4	63	232	0	870
0154_01	7500 ppm	Day : 22	61	318	0	1045

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**MALE**


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Animal No.	Dose	Time In Study	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL
0155_01	7500 ppm	Day : 4	63	327	109	1104
0155_01	7500 ppm	Day : 22	61	372	0	957
0156_01	7500 ppm	Day : 4	62	91	91	1001
0156_01	7500 ppm	Day : 22	61	252	0	978
0157_01	7500 ppm	Day : 4	63	447	149	753
0157_01	7500 ppm	Day : 22	61	0	0	979
0158_01	7500 ppm	Day : 4	62	332	0	958
0158_01	7500 ppm	Day : 22	61	216	0	938
0159_01	7500 ppm	Day : 4	63	102	204	992
0159_01	7500 ppm	Day : 22	62	126	0	889
0160_01	7500 ppm	Day : 4	63	192	0	948
0160_01	7500 ppm	Day : 22	63	399	0	996
0161_01	15000 ppm	Day : 4	63	550	0	1239
0161_01	15000 ppm	Day : 22	62	220	0	965
0162_01	15000 ppm	Day : 4	62	83	0	980
0162_01	15000 ppm	Day : 22	61	303	0	939
0163_01	15000 ppm	Day : 4	61	129	258	1147
0163_01	15000 ppm	Day : 22	61	411	0	973
0164_01	15000 ppm	Day : 4	62	404	0	975
0164_01	15000 ppm	Day : 22	61	0	0	1047
0165_01	15000 ppm	Day : 4	63	101	101	664

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**MALE**


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Animal No.	Dose	Time In Study	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL
0165_01	15000 ppm	Day : 22	62	216	0	1013
0166_01	15000 ppm	Day : 4	61	132	0	1134
0166_01	15000 ppm	Day : 22	62	0	0	974
0167_01	15000 ppm	Day : 4	63	152	0	967
0167_01	15000 ppm	Day : 22	62	74	0	1004
0168_01	15000 ppm	Day : 4	63	315	105	807
0168_01	15000 ppm	Day : 22	61	460	0	980
0169_01	15000 ppm	Day : 4	63	375	125	898
0169_01	15000 ppm	Day : 22	62	273	0	920
0170_01	15000 ppm	Day : 4	63	714	0	1009
0170_01	15000 ppm	Day : 22	63	300	0	1052
0171_01	30000 ppm	Day : 22	64	297	99	1023
0172_01	30000 ppm	Day : 4	62	273	0	957
0172_01	30000 ppm	Day : 22	61	220	0	1027
0173_01	30000 ppm	Day : 4	63	200	0	900
0173_01	30000 ppm	Day : 22	63	294	0	1012
0174_01	30000 ppm	Day : 4	63	267	0	827
0174_01	30000 ppm	Day : 22	62	0	0	1053
0175_01	30000 ppm	Day : 4	63	348	0	879
0175_01	30000 ppm	Day : 22	62	115	0	934
0176_01	30000 ppm	Day : 4	62	480	80	850

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:15:16

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL
0176_01	30000 ppm	Day : 22	62	240	0	986
0177_01	30000 ppm	Day : 4	62	0	90	400
0177_01	30000 ppm	Day : 22	63	114	0	868
0178_01	30000 ppm	Day : 4	62	188	0	793
0178_01	30000 ppm	Day : 22	62	98	0	955
0179_01	30000 ppm	Day : 4	63	540	0	918
0179_01	30000 ppm	Day : 22	63	131	0	1076
0180_01	30000 ppm	Day : 4	62	200	0	834
0180_01	30000 ppm	Day : 22	62	108	0	1015

## MALE

Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0001_01	0 ppm	Day : 92	9	108000	1800	10
0002_01	0 ppm	Day : 92	8.9	106800	2688	11.2
0003_01	0 ppm	Day : 92	8.64	77760	2415	11.5
0004_01	0 ppm	Day : 92	9.41	75280	1728	10.8
0005_01	0 ppm	Day : 92	9.11	72880	2057	12.1
0006_01	0 ppm	Day : 92	8.78	131700	1496	8.8
0007_01	0 ppm	Day : 92	9.45	122850	3720	12
0008_01	0 ppm	Day : 92	9.05	54300	3059	13.3
0009_01	0 ppm	Day : 92	9.54	95400	1677	12.9
0010_01	0 ppm	Day : 92	9.38	103180	2860	14.3
0011_01	1875 ppm	Day : 92	8.36	200640	2208	13.8
0012_01	1875 ppm	Day : 92	7.64	160440	1320	12
0013_01	1875 ppm	Day : 92	8	144000	1265	11.5
0014_01	1875 ppm	Day : 92	7.68	192000	1500	12.5
0015_01	1875 ppm	Day : 92	7.84	156800	2706	12.3
0016_01	1875 ppm	Day : 92	8.22	156180	1220	12.2
0017_01	1875 ppm	Day : 92	7.76	162960	2000	12.5
0018_01	1875 ppm	Day : 92	8.3	99600	3402	16.2
0019_01	1875 ppm	Day : 92	8.26	156940	1428	11.9
0020_01	1875 ppm	Day : 92	8.13	97560	2431	14.3
0021_01	3750 ppm	Day : 92	7.66	160860	1984	12.4
0022_01	3750 ppm	Day : 92	8.06	137020	2080	13

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**MALE**


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Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0023_01	3750 ppm	Day : 92	8.03	192720	1770	11.8
0024_01	3750 ppm	Day : 92	8.22	49320	1482	11.4
0025_01	3750 ppm	Day : 92	7.61	159810	1188	10.8
0026_01	3750 ppm	Day : 92	8.25	198000	1980	18
0027_01	3750 ppm	Day : 92	8.55	145350	1144	14.3
0028_01	3750 ppm	Day : 92	8.13	170730	2002	14.3
0029_01	3750 ppm	Day : 92	8.67	121380	1122	10.2
0030_01	3750 ppm	Day : 92	8.01	144180	3297	15.7
0031_01	7500 ppm	Day : 92	8.49	161310	3325	17.5
0032_01	7500 ppm	Day : 92	7.8	132600	2604	12.4
0033_01	7500 ppm	Day : 92	7.67	107380	4446	17.1
0034_01	7500 ppm	Day : 92	7.94	119100	3388	15.4
0035_01	7500 ppm	Day : 92	7.73	131410	960	9.6
0036_01	7500 ppm	Day : 92	7.65	198900	1696	10.6
0037_01	7500 ppm	Day : 92	7.97	159400	1904	11.2
0038_01	7500 ppm	Day : 92	8.19	122850	1404	15.6
0039_01	7500 ppm	Day : 92	8.35	200400	3675	17.5
0040_01	7500 ppm	Day : 92	8.19	155610	1965	13.1
0041_01	15000 ppm	Day : 92	7.35	124950	1805	9.5
0042_01	15000 ppm	Day : 92	7.81	117150	2130	14.2
0043_01	15000 ppm	Day : 92	8.38	175980	2158	16.6
0044_01	15000 ppm	Day : 92	7.77	116550	1056	13.2

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**MALE**


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Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0044_01	15000 ppm	Day : 92	7.77	116550	1056	13.2
0045_01	15000 ppm	Day : 92	8.36	167200	2210	13
0046_01	15000 ppm	Day : 92	8.51	212750	2916	16.2
0047_01	15000 ppm	Day : 92	8.25	99000	1246	8.9
0048_01	15000 ppm	Day : 92	7.67	184080	1764	9.8
0049_01	15000 ppm	Day : 92	7.45	149000	2560	12.8
0050_01	15000 ppm	Day : 92	8.72	165680	1612	12.4
0051_01	30000 ppm	Day : 92	8.01	144180	1904	11.2
0052_01	30000 ppm	Day : 92	7.77	147630	1836	10.2
0053_01	30000 ppm	Day : 92	8.64	190080	2106	11.7
0054_01	30000 ppm	Day : 92	8.03	160600	1980	13.2
0055_01	30000 ppm	Day : 92	8.26	239540	2822	16.6
0056_01	30000 ppm	Day : 92	8.28	165600	1845	12.3
0057_01	30000 ppm	Day : 92	8.61	120540	4760	11.9
0058_01	30000 ppm	Day : 92	8.82	79380	1308	10.9
0059_01	30000 ppm	Day : 92	8.23	255130	3087	14.7
0060_01	30000 ppm	Day : 92	8.29	174090	4300	17.2
0121_01	0 ppm	Day : 4	6.58	138180	882	9.8
0121_01	0 ppm	Day : 22	7.68	230400	1179	13.1
0122_01	0 ppm	Day : 4	6.31	378600	1520	9.5
0122_01	0 ppm	Day : 22	8.02	152380	2115	14.1
0123_01	0 ppm	Day : 4	6.41	589720	1672	8.8

## MALE

Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0123_01	0 ppm	Day : 22	7.4	133200	1424	8.9
0124_01	0 ppm	Day : 4	6.55	432300	990	9.9
0124_01	0 ppm	Day : 22	7.32	344040	1166	10.6
0125_01	0 ppm	Day : 4	6.18	618000	1356	11.3
0125_01	0 ppm	Day : 22	7.49	359520	1170	9
0126_01	0 ppm	Day : 4	6.16	314160	1224	6.8
0126_01	0 ppm	Day : 22	7.67	253110	1296	14.4
0127_01	0 ppm	Day : 4	6.43	540120	1232	7.7
0127_01	0 ppm	Day : 22	7.67	207090	909	10.1
0128_01	0 ppm	Day : 4	6.32	442400	1620	9
0128_01	0 ppm	Day : 22	7.44	267840	1022	14.6
0129_01	0 ppm	Day : 22	7.45	111750	805	11.5
0130_01	0 ppm	Day : 4	6.56	432960	1568	9.8
0130_01	0 ppm	Day : 22	7.39	118240	800	8
0131_01	1875 ppm	Day : 4	6.75	378000	1314	14.6
0131_01	1875 ppm	Day : 22	7.39	206920	1680	14
0132_01	1875 ppm	Day : 22	7.53	203310	1391	10.7
0133_01	1875 ppm	Day : 4	6.67	673670	1080	10.8
0133_01	1875 ppm	Day : 22	7.55	302000	1750	12.5
0134_01	1875 ppm	Day : 4	6.21	329130	1521	11.7
0134_01	1875 ppm	Day : 22	7.32	219600	1400	10
0135_01	1875 ppm	Day : 4	6.26	444460	1043	14.9



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**MALE**


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Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0135_01	1875 ppm	Day : 4	6.26	444460	1043	14.9
0135_01	1875 ppm	Day : 22	7.19	251650	1034	9.4
0136_01	1875 ppm	Day : 4	6.44	367080	776	9.7
0136_01	1875 ppm	Day : 22	7.78	287860	1310	13.1
0137_01	1875 ppm	Day : 4	6.39	281160	869	7.9
0137_01	1875 ppm	Day : 22	7.28	80080	950	9.5
0138_01	1875 ppm	Day : 4	6.44	547400	800	10
0138_01	1875 ppm	Day : 22	7.29	291600	2006	11.8
0139_01	1875 ppm	Day : 4	6.48	531360	1155	10.5
0139_01	1875 ppm	Day : 22	7	231000	720	12
0140_01	1875 ppm	Day : 4	6.21	304290	1972	11.6
0140_01	1875 ppm	Day : 22	7.08	155760	1276	11.6
0141_01	3750 ppm	Day : 4	6.54	196200	1440	9.6
0141_01	3750 ppm	Day : 22	7.45	186250	1080	12
0142_01	3750 ppm	Day : 4	6.48	576720	1140	9.5
0142_01	3750 ppm	Day : 22	6.58	111860	1575	10.5
0143_01	3750 ppm	Day : 4	6.66	213120	1272	10.6
0143_01	3750 ppm	Day : 22	7.25	297250	1770	11.8
0144_01	3750 ppm	Day : 4	6.84	478800	2052	11.4
0144_01	3750 ppm	Day : 22	7.21	223510	1298	11.8
0145_01	3750 ppm	Day : 4	6.6	396000	2782	10.7
0145_01	3750 ppm	Day : 22	7.23	289200	588	9.8

## MALE

Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0146_01	3750 ppm	Day : 4	6.39	383400	1335	8.9
0146_01	3750 ppm	Day : 22	7.36	191360	824	10.3
0147_01	3750 ppm	Day : 4	6.46	303620	902	8.2
0147_01	3750 ppm	Day : 22	7.32	219600	1696	10.6
0148_01	3750 ppm	Day : 4	6.55	334050	1245	8.3
0148_01	3750 ppm	Day : 22	7.36	287040	936	10.4
0149_01	3750 ppm	Day : 4	6.48	505440	552	6.9
0149_01	3750 ppm	Day : 22	7.65	91800	744	12.4
0150_01	3750 ppm	Day : 4	6.58	348740	1397	12.7
0150_01	3750 ppm	Day : 22	7.12	206480	1044	11.6
0151_01	7500 ppm	Day : 4	6.81	394980	1092	7.8
0151_01	7500 ppm	Day : 22	7.27	152670	1288	9.2
0152_01	7500 ppm	Day : 4	7.01	455650	1166	10.6
0152_01	7500 ppm	Day : 22	7.25	108750	1200	10
0153_01	7500 ppm	Day : 4	6.17	394880	560	7
0153_01	7500 ppm	Day : 22	6.74	202200	621	6.9
0154_01	7500 ppm	Day : 4	6.85	554850	1392	11.6
0154_01	7500 ppm	Day : 22	7.43	304630	1802	10.6
0155_01	7500 ppm	Day : 4	6.82	163680	981	10.9
0155_01	7500 ppm	Day : 22	7.36	316480	1240	12.4
0156_01	7500 ppm	Day : 4	6.9	179400	1274	9.1
0156_01	7500 ppm	Day : 22	7.49	239680	588	8.4

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**MALE**


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Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0156_01	7500 ppm	Day : 22	7.49	239680	588	8.4
0157_01	7500 ppm	Day : 4	6.47	297620	1341	14.9
0157_01	7500 ppm	Day : 22	7.32	329400	1014	7.8
0158_01	7500 ppm	Day : 4	6.66	352980	1328	8.3
0158_01	7500 ppm	Day : 22	7.56	196560	1296	10.8
0159_01	7500 ppm	Day : 4	7.1	340800	1530	10.2
0159_01	7500 ppm	Day : 22	7.63	221270	1134	12.6
0160_01	7500 ppm	Day : 4	6.63	331500	1056	9.6
0160_01	7500 ppm	Day : 22	7.35	220500	1463	13.3
0161_01	15000 ppm	Day : 4	7.13	327980	880	11
0161_01	15000 ppm	Day : 22	7.6	152000	1870	11
0162_01	15000 ppm	Day : 4	6.84	184680	1245	8.3
0162_01	15000 ppm	Day : 22	7.47	239040	1313	10.1
0163_01	15000 ppm	Day : 4	7.08	375240	1032	12.9
0163_01	15000 ppm	Day : 22	7.49	239680	1781	13.7
0164_01	15000 ppm	Day : 4	6.7	435500	1111	10.1
0164_01	15000 ppm	Day : 22	7.59	212520	1199	10.9
0165_01	15000 ppm	Day : 4	6.89	344500	808	10.1
0165_01	15000 ppm	Day : 22	7.06	254160	648	10.8
0166_01	15000 ppm	Day : 4	7.12	213600	1386	6.6
0166_01	15000 ppm	Day : 22	7.15	114400	780	7.8
0167_01	15000 ppm	Day : 4	7.1	305300	684	7.6

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**MALE**


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Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0167_01	15000 ppm	Day : 22	7.01	196280	1258	7.4
0168_01	15000 ppm	Day : 4	7.01	420600	1575	10.5
0168_01	15000 ppm	Day : 22	7.65	275400	1150	11.5
0169_01	15000 ppm	Day : 4	6.79	475300	1875	12.5
0169_01	15000 ppm	Day : 22	7.15	336050	1092	9.1
0170_01	15000 ppm	Day : 4	6.74	269600	2618	11.9
0170_01	15000 ppm	Day : 22	7.09	439580	800	10
0171_01	30000 ppm	Day : 22	7.25	195750	1287	9.9
0172_01	30000 ppm	Day : 4	6.74	377440	364	9.1
0172_01	30000 ppm	Day : 22	7.31	204680	770	11
0173_01	30000 ppm	Day : 4	7.01	483690	1400	10
0173_01	30000 ppm	Day : 22	7.23	325350	1274	9.8
0174_01	30000 ppm	Day : 4	6.9	427800	1246	8.9
0174_01	30000 ppm	Day : 22	7.56	226800	1116	9.3
0175_01	30000 ppm	Day : 4	7.03	302290	1392	11.6
0175_01	30000 ppm	Day : 22	7.16	279240	1035	11.5
0176_01	30000 ppm	Day : 4	7.25	377000	1280	8
0176_01	30000 ppm	Day : 22	7.52	142880	1280	8
0177_01	30000 ppm	Day : 4	5.98	251160	810	9
0177_01	30000 ppm	Day : 22	7.32	234240	1140	11.4
0178_01	30000 ppm	Day : 4	7.24	224440	1128	9.4
0178_01	30000 ppm	Day : 22	7.4	251600	1862	9.8

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

**P44: Hematology Data**

Date Report Requested: 10/26/2014

Time Report Requested: 02:15:17

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0178_01	30000 ppm	Day : 22	7.4	251600	1862	9.8
0179_01	30000 ppm	Day : 4	6.74	465060	1530	9
0179_01	30000 ppm	Day : 22	7.25	391500	1310	13.1
0180_01	30000 ppm	Day : 4	6.76	365040	1300	10
0180_01	30000 ppm	Day : 22	7.35	352800	972	10.8

## FEMALE

Animal No.	Dose	Time In Study	Band Neutrophil Count 1000 per microliter	Basophil Count 1000 per uL	Eosinophil Count	Hematocrit %
0061_01	0 ppm	Day : 92	0	0	0	45
0062_01	0 ppm	Day : 92	0	0	87	48.7
0063_01	0 ppm	Day : 92	0	0	0	48.3
0064_01	0 ppm	Day : 92	0	0	88	42.9
0065_01	0 ppm	Day : 92	0	0	95	48.2
0066_01	0 ppm	Day : 92	0	0	112	44.2
0067_01	0 ppm	Day : 92	0	0	188	45.3
0068_01	0 ppm	Day : 92	0	0	78	45.6
0069_01	0 ppm	Day : 92	0	0	264	46.4
0070_01	0 ppm	Day : 92	0	0	0	42.8
0071_01	1875 ppm	Day : 92	0	0	122	47.2
0072_01	1875 ppm	Day : 92	0	0	99	43.1
0073_01	1875 ppm	Day : 92	0	0	0	38
0074_01	1875 ppm	Day : 92	0	0	0	42.7
0075_01	1875 ppm	Day : 92	0	0	0	40
0076_01	1875 ppm	Day : 92	0	0	0	44.6
0077_01	1875 ppm	Day : 92	0	0	102	42.9
0078_01	1875 ppm	Day : 92	0	0	0	42.2
0079_01	1875 ppm	Day : 92	0	0	0	43
0080_01	1875 ppm	Day : 92	0	0	112	42.2
0081_01	3750 ppm	Day : 92	0	0	0	44

## FEMALE

Animal No.	Dose	Time In Study	Band Neutrophil Count 1000 per microliter	Basophil Count 1000 per uL	Eosinophil Count	Hematocrit %
0082_01	3750 ppm	Day : 92	0	0	0	43.5
0083_01	3750 ppm	Day : 92	0	0	0	45
0084_01	3750 ppm	Day : 92	0	0	0	44
0085_01	3750 ppm	Day : 92	0	0	291	44.7
0086_01	3750 ppm	Day : 92	0	0	78	44.9
0087_01	3750 ppm	Day : 92	0	0	104	44.8
0088_01	3750 ppm	Day : 92	0	0	99	42.1
0089_01	3750 ppm	Day : 92	0	0	0	42.4
0090_01	3750 ppm	Day : 92	0	0	212	44.1
0091_01	7500 ppm	Day : 92	0	0	0	44.8
0092_01	7500 ppm	Day : 92	0	0	0	42.7
0093_01	7500 ppm	Day : 92	0	0	0	41.5
0094_01	7500 ppm	Day : 92	0	0	85	45.1
0095_01	7500 ppm	Day : 92	0	0	162	42.5
0096_01	7500 ppm	Day : 92	0	0	0	46.3
0097_01	7500 ppm	Day : 92	0	0	0	44
0098_01	7500 ppm	Day : 92	0	0	0	44.9
0099_01	7500 ppm	Day : 92	0	0	81	44.8
0100_01	7500 ppm	Day : 92	0	0	0	43.5
0101_01	15000 ppm	Day : 92	0	0	308	44.7
0102_01	15000 ppm	Day : 92	0	0	108	42.8

## FEMALE

Animal No.	Dose	Time In Study	Band Neutrophil Count 1000 per microliter	Basophil Count 1000 per uL	Eosinophil Count	Hematocrit %
0103_01	15000 ppm	Day : 92	0	0	0	42.1
0104_01	15000 ppm	Day : 92	0	0	0	44
0105_01	15000 ppm	Day : 92	0	0	0	44.5
0106_01	15000 ppm	Day : 92	0	0	77	44.8
0107_01	15000 ppm	Day : 92	0	0	0	43.1
0108_01	15000 ppm	Day : 92	0	0	0	46.2
0109_01	15000 ppm	Day : 92	0	0	99	46.1
0110_01	15000 ppm	Day : 92	0	0	0	43.3
0111_01	30000 ppm	Day : 92	0	0	0	42.9
0112_01	30000 ppm	Day : 92	0	0	93	41
0113_01	30000 ppm	Day : 92	0	0	0	43.8
0114_01	30000 ppm	Day : 92	0	0	0	41.7
0115_01	30000 ppm	Day : 92	0	0	123	46.4
0116_01	30000 ppm	Day : 92	0	0	85	42.9
0117_01	30000 ppm	Day : 92	0	0	0	40.6
0118_01	30000 ppm	Day : 92	0	0	0	45.8
0119_01	30000 ppm	Day : 92	0	0	0	43
0120_01	30000 ppm	Day : 92	0	0	82	41.2
0181_01	0 ppm	Day : 4	0	0	0	42.9
0181_01	0 ppm	Day : 22	0	0	0	45.9
0182_01	0 ppm	Day : 4	0	0	0	42.5



## FEMALE

Animal No.	Dose	Time In Study	Band Neutrophil Count 1000 per microliter	Basophil Count 1000 per uL	Eosinophil Count	Hematocrit %
0182_01	0 ppm	Day : 22	0	0	0	45.4
0183_01	0 ppm	Day : 4	0	0	0	42.4
0183_01	0 ppm	Day : 22	0	0	0	47.2
0184_01	0 ppm	Day : 4	0	0	0	41
0184_01	0 ppm	Day : 22	0	0	84	47
0185_01	0 ppm	Day : 4	0	0	0	44.7
0185_01	0 ppm	Day : 22	0	0	0	45.6
0186_01	0 ppm	Day : 4	0	0	0	41.4
0186_01	0 ppm	Day : 22	0	0	170	47.7
0187_01	0 ppm	Day : 4	0	0	0	41.3
0187_01	0 ppm	Day : 22	0	0	0	46.9
0188_01	0 ppm	Day : 4	0	0	87	40.8
0188_01	0 ppm	Day : 22	0	0	0	50.4
0189_01	0 ppm	Day : 4	0	0	80	41.9
0189_01	0 ppm	Day : 22	0	0	84	45.1
0190_01	0 ppm	Day : 4	0	0	0	44
0190_01	0 ppm	Day : 22	0	0	0	50.3
0191_01	1875 ppm	Day : 4	0	0	190	41.6
0191_01	1875 ppm	Day : 22	0	0	89	44.1
0192_01	1875 ppm	Day : 4	0	0	92	41.8
0192_01	1875 ppm	Day : 22	0	0	0	45.8

## FEMALE

Animal No.	Dose	Time In Study	Band Neutrophil Count 1000 per microliter	Basophil Count 1000 per uL	Eosinophil Count	Hematocrit %
0193_01	1875 ppm	Day : 4	0	0	0	41.2
0193_01	1875 ppm	Day : 22	0	0	0	43.2
0194_01	1875 ppm	Day : 4	0	0	79	43
0194_01	1875 ppm	Day : 22	0	0	126	42.7
0195_01	1875 ppm	Day : 4	0	0	96	41.9
0195_01	1875 ppm	Day : 22	0	0	136	43
0196_01	1875 ppm	Day : 4	0	0	178	38
0196_01	1875 ppm	Day : 22	0	0	0	44.6
0197_01	1875 ppm	Day : 4	0	0	0	42.7
0197_01	1875 ppm	Day : 22	0	0	103	43.2
0198_01	1875 ppm	Day : 4	0	0	0	43.8
0198_01	1875 ppm	Day : 22	0	0	0	43.1
0199_01	1875 ppm	Day : 4	0	0	420	42.2
0199_01	1875 ppm	Day : 22	0	0	0	44.7
0200_01	1875 ppm	Day : 4	0	0	0	42.7
0200_01	1875 ppm	Day : 22	0	0	354	45.2
0201_01	3750 ppm	Day : 4	0	0	0	43
0201_01	3750 ppm	Day : 22	0	0	0	44.2
0202_01	3750 ppm	Day : 4	0	0	0	43.9
0202_01	3750 ppm	Day : 22	0	0	0	44.1
0203_01	3750 ppm	Day : 4	0	0	88	43.8

## FEMALE

Animal No.	Dose	Time In Study	Band Neutrophil Count 1000 per microliter	Basophil Count 1000 per uL	Eosinophil Count	Hematocrit %
0203_01	3750 ppm	Day : 22	0	0	97	45.3
0204_01	3750 ppm	Day : 4	0	0	0	44.6
0204_01	3750 ppm	Day : 22	0	0	0	44.5
0205_01	3750 ppm	Day : 4	0	0	0	41.9
0205_01	3750 ppm	Day : 22	0	0	0	43.3
0206_01	3750 ppm	Day : 4	0	0	0	39.7
0206_01	3750 ppm	Day : 22	0	0	73	43.3
0207_01	3750 ppm	Day : 4	0	0	184	43.6
0207_01	3750 ppm	Day : 22	0	0	0	42.7
0208_01	3750 ppm	Day : 22	0	0	0	45.1
0209_01	3750 ppm	Day : 4	0	0	0	42.7
0209_01	3750 ppm	Day : 22	0	0	128	44.2
0210_01	3750 ppm	Day : 4	0	0	0	44.8
0210_01	3750 ppm	Day : 22	0	0	0	42.9
0211_01	7500 ppm	Day : 4	0	0	0	46.1
0211_01	7500 ppm	Day : 22	0	0	0	44.9
0212_01	7500 ppm	Day : 4	0	0	84	44.6
0212_01	7500 ppm	Day : 22	0	0	151	45.3
0213_01	7500 ppm	Day : 4	0	0	115	46
0213_01	7500 ppm	Day : 22	0	0	0	44.9
0214_01	7500 ppm	Day : 4	0	0	77	40.8

## FEMALE

Animal No.	Dose	Time In Study	Band Neutrophil Count 1000 per microliter	Basophil Count 1000 per uL	Eosinophil Count	Hematocrit %
0214_01	7500 ppm	Day : 22	0	0	180	46.1
0215_01	7500 ppm	Day : 4	0	0	0	44.5
0215_01	7500 ppm	Day : 22	0	0	0	45.9
0216_01	7500 ppm	Day : 4	0	0	0	45.1
0216_01	7500 ppm	Day : 22	0	0	93	45.5
0217_01	7500 ppm	Day : 4	0	0	83	43.7
0217_01	7500 ppm	Day : 22	0	0	0	44.6
0218_01	7500 ppm	Day : 4	0	0	0	47.4
0218_01	7500 ppm	Day : 22	0	0	0	43.8
0219_01	7500 ppm	Day : 4	0	0	0	45.5
0219_01	7500 ppm	Day : 22	0	0	0	44.7
0220_01	7500 ppm	Day : 4	0	0	0	43.6
0220_01	7500 ppm	Day : 22	0	0	0	43.6
0221_01	15000 ppm	Day : 4	0	0	0	42.5
0221_01	15000 ppm	Day : 22	0	0	0	46.1
0222_01	15000 ppm	Day : 4	0	0	240	46.4
0222_01	15000 ppm	Day : 22	0	0	0	46.9
0223_01	15000 ppm	Day : 4	0	0	113	41.7
0223_01	15000 ppm	Day : 22	0	0	114	44.7
0224_01	15000 ppm	Day : 4	0	0	0	46.2
0224_01	15000 ppm	Day : 22	0	0	0	45.1

## FEMALE

Animal No.	Dose	Time In Study	Band Neutrophil Count 1000 per microliter	Basophil Count 1000 per uL	Eosinophil Count	Hematocrit %
0225_01	15000 ppm	Day : 4	0	0	0	46
0225_01	15000 ppm	Day : 22	0	0	0	45.9
0226_01	15000 ppm	Day : 4	0	0	0	45.9
0226_01	15000 ppm	Day : 22	0	0	0	42.2
0227_01	15000 ppm	Day : 4	0	0	112	44.6
0227_01	15000 ppm	Day : 22	0	0	0	46.5
0228_01	15000 ppm	Day : 4	0	0	91	46.8
0228_01	15000 ppm	Day : 22	0	0	98	45.8
0229_01	15000 ppm	Day : 4	0	0	0	41.3
0229_01	15000 ppm	Day : 22	0	0	0	43.1
0230_01	15000 ppm	Day : 4	0	0	0	43.6
0231_01	30000 ppm	Day : 4	0	0	196	46.3
0231_01	30000 ppm	Day : 22	0	0	0	46.4
0232_01	30000 ppm	Day : 4	0	0	0	47
0232_01	30000 ppm	Day : 22	0	0	0	45.2
0233_01	30000 ppm	Day : 4	0	0	210	46.7
0233_01	30000 ppm	Day : 22	0	0	0	42.9
0234_01	30000 ppm	Day : 4	0	0	119	43.9
0234_01	30000 ppm	Day : 22	0	0	0	42.4
0235_01	30000 ppm	Day : 4	0	0	0	49
0235_01	30000 ppm	Day : 22	0	0	0	43.7

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:15:18

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Band Neutrophil Count 1000 per microliter	Basophil Count 1000 per uL	Eosinophil Count	Hematocrit %
0236_01	30000 ppm	Day : 4	0	0	0	45.3
0236_01	30000 ppm	Day : 22	0	0	0	45.7
0237_01	30000 ppm	Day : 4	0	0	0	44.3
0237_01	30000 ppm	Day : 22	0	0	0	45.8
0238_01	30000 ppm	Day : 4	0	0	83	45.1
0238_01	30000 ppm	Day : 22	0	0	190	46.7
0239_01	30000 ppm	Day : 4	0	0	0	45.9
0240_01	30000 ppm	Day : 4	0	0	0	45.4
0240_01	30000 ppm	Day : 22	0	0	0	45.6

## FEMALE

Animal No.	Dose	Time In Study	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
0061_01	0 ppm	Day : 92	15.4	7488	19.6	34.2
0062_01	0 ppm	Day : 92	16.2	6351	19.5	33.3
0063_01	0 ppm	Day : 92	16.3	7560	19.7	33.7
0064_01	0 ppm	Day : 92	15.3	7568	20.1	35.7
0065_01	0 ppm	Day : 92	15.6	7125	18.8	32.4
0066_01	0 ppm	Day : 92	14.6	8512	19.4	33
0067_01	0 ppm	Day : 92	15.2	6768	19.2	33.6
0068_01	0 ppm	Day : 92	15.3	6708	19.5	33.6
0069_01	0 ppm	Day : 92	15.3	7304	18.9	33
0070_01	0 ppm	Day : 92	14.9	5544	19.8	34.8
0071_01	1875 ppm	Day : 92	15.2	10004	19.5	32.2
0072_01	1875 ppm	Day : 92	14.5	9009	20.3	33.6
0073_01	1875 ppm	Day : 92	12.6	5632	19.9	33.2
0074_01	1875 ppm	Day : 92	14.1	8585	19.8	33
0075_01	1875 ppm	Day : 92	13.3	5481	19.9	33.3
0076_01	1875 ppm	Day : 92	14.9	9570	20.2	33.4
0077_01	1875 ppm	Day : 92	13.9	8160	19.7	32.4
0078_01	1875 ppm	Day : 92	14	11092	20.3	33.2
0079_01	1875 ppm	Day : 92	14.1	9234	19.9	32.8
0080_01	1875 ppm	Day : 92	14	10192	19.9	33.2
0081_01	3750 ppm	Day : 92	14.5	9523	19.5	33

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**FEMALE**


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Animal No.	Dose	Time In Study	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
0082_01	3750 ppm	Day : 92	14	8514	19.1	32.2
0083_01	3750 ppm	Day : 92	14.9	8772	19.8	33.1
0084_01	3750 ppm	Day : 92	14.4	7650	19.3	32.7
0085_01	3750 ppm	Day : 92	14.6	7760	19.5	32.7
0086_01	3750 ppm	Day : 92	14.8	6942	19.6	33
0087_01	3750 ppm	Day : 92	14.6	8840	19.3	32.6
0088_01	3750 ppm	Day : 92	13.9	8811	19.4	33
0089_01	3750 ppm	Day : 92	13.6	5950	18.8	32.1
0090_01	3750 ppm	Day : 92	14.3	9434	19.5	32.4
0091_01	7500 ppm	Day : 92	14.7	7470	19.4	32.8
0092_01	7500 ppm	Day : 92	13.8	7830	19.1	32.3
0093_01	7500 ppm	Day : 92	13.6	6072	19.3	32.8
0094_01	7500 ppm	Day : 92	14.4	6970	19	31.9
0095_01	7500 ppm	Day : 92	13.9	6723	19.5	32.7
0096_01	7500 ppm	Day : 92	14.9	9860	19.3	32.2
0097_01	7500 ppm	Day : 92	14.1	8132	19.2	32
0098_01	7500 ppm	Day : 92	15	6853	20.1	33.4
0099_01	7500 ppm	Day : 92	14.5	7128	19.1	32.4
0100_01	7500 ppm	Day : 92	14	6461	19.2	32.2
0101_01	15000 ppm	Day : 92	14.4	6468	19.1	32.2
0102_01	15000 ppm	Day : 92	14.1	8532	19.8	32.9



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**FEMALE**


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Animal No.	Dose	Time In Study	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
0103_01	15000 ppm	Day : 92	13.7	7812	19.2	32.5
0104_01	15000 ppm	Day : 92	14.4	11815	19.5	32.7
0105_01	15000 ppm	Day : 92	14.3	9960	18.8	32.1
0106_01	15000 ppm	Day : 92	14.5	6545	19.2	32.4
0107_01	15000 ppm	Day : 92	14.3	5934	19.7	33.2
0108_01	15000 ppm	Day : 92	15.1	9324	19.3	32.7
0109_01	15000 ppm	Day : 92	14.5	8712	19.6	31.5
0110_01	15000 ppm	Day : 92	13.8	7176	19.1	31.9
0111_01	30000 ppm	Day : 92	13.8	8800	19.1	32.2
0112_01	30000 ppm	Day : 92	13.3	8277	19.3	32.4
0113_01	30000 ppm	Day : 92	14.3	8460	19.3	32.6
0114_01	30000 ppm	Day : 92	13.3	7700	19.1	31.9
0115_01	30000 ppm	Day : 92	14.8	10209	18.8	31.9
0116_01	30000 ppm	Day : 92	13.7	7820	19.1	31.9
0117_01	30000 ppm	Day : 92	13.6	9546	19.7	33.5
0118_01	30000 ppm	Day : 92	14.5	10080	18.7	31.7
0119_01	30000 ppm	Day : 92	14.3	8366	19.9	33.3
0120_01	30000 ppm	Day : 92	13.2	7134	18.9	32
0181_01	0 ppm	Day : 4	14.4	7056	21.3	33.6
0181_01	0 ppm	Day : 22	16.2	8712	21.8	35.3
0182_01	0 ppm	Day : 4	14.5	10873	21.6	34.1

## FEMALE

Animal No.	Dose	Time In Study	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
0182_01	0 ppm	Day : 22	15.6	7719	20.8	34.4
0183_01	0 ppm	Day : 4	14	8272	21	33
0183_01	0 ppm	Day : 22	16.2	7560	21.5	34.3
0184_01	0 ppm	Day : 4	13.6	7917	21.3	33.2
0184_01	0 ppm	Day : 22	16.6	7392	22	35.3
0185_01	0 ppm	Day : 4	15	9207	21	33.6
0185_01	0 ppm	Day : 22	15.6	7830	21.2	34.2
0186_01	0 ppm	Day : 4	13.8	8316	21.5	33.3
0186_01	0 ppm	Day : 22	16.8	7140	22.3	35.2
0187_01	0 ppm	Day : 4	14.4	6396	22.3	34.9
0187_01	0 ppm	Day : 22	16.1	7644	21.2	34.3
0188_01	0 ppm	Day : 4	13.8	7221	21.4	33.8
0188_01	0 ppm	Day : 22	17.2	8330	20.7	34.1
0189_01	0 ppm	Day : 4	14.1	6720	21.6	33.7
0189_01	0 ppm	Day : 22	15.6	7224	21.6	34.6
0190_01	0 ppm	Day : 4	14.3	7031	20.7	32.5
0190_01	0 ppm	Day : 22	17	9360	21.4	33.8
0191_01	1875 ppm	Day : 4	14.4	7600	21.8	34.6
0191_01	1875 ppm	Day : 22	14.8	6764	21.4	33.6
0192_01	1875 ppm	Day : 4	13.4	7820	19.9	32.1
0192_01	1875 ppm	Day : 22	15.3	5848	21.3	33.4

## FEMALE

Animal No.	Dose	Time In Study	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
0193_01	1875 ppm	Day : 4	13.9	10472	20.7	33.7
0193_01	1875 ppm	Day : 22	14.6	5916	21.3	33.8
0194_01	1875 ppm	Day : 4	14.6	6873	21.5	34
0194_01	1875 ppm	Day : 22	14.5	10206	21.4	34
0195_01	1875 ppm	Day : 4	14.1	8064	21.8	33.7
0195_01	1875 ppm	Day : 22	14.8	11288	21.9	34.4
0196_01	1875 ppm	Day : 4	12.9	6764	21.8	33.9
0196_01	1875 ppm	Day : 22	14.8	10744	24.4	33.2
0197_01	1875 ppm	Day : 4	14.4	7656	21.3	33.7
0197_01	1875 ppm	Day : 22	14.8	8858	21.9	34.3
0198_01	1875 ppm	Day : 4	14.8	11097	20.9	33.8
0198_01	1875 ppm	Day : 22	14.6	9348	20.9	33.9
0199_01	1875 ppm	Day : 4	14.5	8295	22	34.4
0199_01	1875 ppm	Day : 22	15	10795	21.5	33.6
0200_01	1875 ppm	Day : 4	14.4	10206	21.4	33.7
0200_01	1875 ppm	Day : 22	14.9	10974	21.2	33
0201_01	3750 ppm	Day : 4	14.7	8774	21.7	34.2
0201_01	3750 ppm	Day : 22	15	8134	21.2	33.9
0202_01	3750 ppm	Day : 4	14.5	8008	21.4	33
0202_01	3750 ppm	Day : 22	15.2	8633	22	34.5
0203_01	3750 ppm	Day : 4	14.6	7128	20.9	33.3

## FEMALE

Animal No.	Dose	Time In Study	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
0203_01	3750 ppm	Day : 22	15.7	8342	22.3	34.7
0204_01	3750 ppm	Day : 4	14.8	6789	21.1	33.2
0204_01	3750 ppm	Day : 22	15.1	7565	22	33.9
0205_01	3750 ppm	Day : 4	14	9191	21.5	33.4
0205_01	3750 ppm	Day : 22	14.7	9100	21.9	33.9
0206_01	3750 ppm	Day : 4	13.9	7636	22	34.5
0206_01	3750 ppm	Day : 22	14.6	6424	20.8	33.7
0207_01	3750 ppm	Day : 4	14.9	8188	21.1	34.2
0207_01	3750 ppm	Day : 22	14.6	8988	21.6	34.2
0208_01	3750 ppm	Day : 22	15	11656	21.3	33.3
0209_01	3750 ppm	Day : 4	14.4	9200	21.3	33.7
0209_01	3750 ppm	Day : 22	14.9	8832	21.3	33.7
0210_01	3750 ppm	Day : 4	15.2	9191	21.7	33.9
0210_01	3750 ppm	Day : 22	14.6	11160	21.3	34
0211_01	7500 ppm	Day : 4	15.6	9523	20.9	33.8
0211_01	7500 ppm	Day : 22	15.2	7134	21.7	33.9
0212_01	7500 ppm	Day : 4	14.5	7308	20.4	32.5
0212_01	7500 ppm	Day : 22	15	14194	20.9	33.1
0213_01	7500 ppm	Day : 4	15.1	9545	20.3	32.8
0213_01	7500 ppm	Day : 22	15.2	7298	21.5	33.9
0214_01	7500 ppm	Day : 4	14.8	6622	22.6	36.3

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**FEMALE**


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Animal No.	Dose	Time In Study	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
0214_01	7500 ppm	Day : 22	15.3	8010	21.1	33.2
0215_01	7500 ppm	Day : 4	15.1	11502	21.8	33.9
0215_01	7500 ppm	Day : 22	15.3	12090	21.5	33.3
0216_01	7500 ppm	Day : 4	15.1	6640	21.2	33.5
0216_01	7500 ppm	Day : 22	14.9	7998	20.8	32.7
0217_01	7500 ppm	Day : 4	14.4	6806	21	33
0217_01	7500 ppm	Day : 22	14.7	7476	21.1	33
0218_01	7500 ppm	Day : 4	15.7	9212	21	33.1
0218_01	7500 ppm	Day : 22	14.7	9180	21.3	33.6
0219_01	7500 ppm	Day : 4	15.6	10767	21.8	34.3
0219_01	7500 ppm	Day : 22	14.8	9576	21.2	33.1
0220_01	7500 ppm	Day : 4	14.7	9434	21.7	33.7
0220_01	7500 ppm	Day : 22	14.6	6512	21.3	33.5
0221_01	15000 ppm	Day : 4	14.7	8811	21.4	34.6
0221_01	15000 ppm	Day : 22	15.3	10890	20.8	33.2
0222_01	15000 ppm	Day : 4	15.6	10080	21.1	33.6
0222_01	15000 ppm	Day : 22	15.7	8280	21.2	33.5
0223_01	15000 ppm	Day : 4	13.8	10396	21.1	33.1
0223_01	15000 ppm	Day : 22	15	10374	21.4	33.6
0224_01	15000 ppm	Day : 4	15.2	8484	20.9	32.9
0224_01	15000 ppm	Day : 22	15.7	9680	21.9	34.8

## FEMALE

Animal No.	Dose	Time In Study	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
0225_01	15000 ppm	Day : 4	15.6	8439	21.8	33.9
0225_01	15000 ppm	Day : 22	15.7	6800	21.8	34.2
0226_01	15000 ppm	Day : 4	15.2	8245	20.9	33.1
0226_01	15000 ppm	Day : 22	14.4	9646	22	34.1
0227_01	15000 ppm	Day : 4	15.6	9856	21.8	35
0227_01	15000 ppm	Day : 22	15.4	8560	21.2	33.1
0228_01	15000 ppm	Day : 4	15.6	8190	20.7	33.3
0228_01	15000 ppm	Day : 22	15.2	8428	21.6	33.2
0229_01	15000 ppm	Day : 4	14.5	7744	22.2	35.1
0229_01	15000 ppm	Day : 22	14.3	7470	21.4	33.2
0230_01	15000 ppm	Day : 4	14.5	8736	20.9	33.3
0231_01	30000 ppm	Day : 4	15.4	7252	21	33.3
0231_01	30000 ppm	Day : 22	15.4	6624	21.4	33.2
0232_01	30000 ppm	Day : 4	15.7	10152	21.4	33.4
0232_01	30000 ppm	Day : 22	15	12420	21.1	33.2
0233_01	30000 ppm	Day : 4	15.3	9240	21	32.8
0233_01	30000 ppm	Day : 22	14.7	6900	21.5	34.3
0234_01	30000 ppm	Day : 4	14.8	9044	21.1	33.7
0234_01	30000 ppm	Day : 22	14.1	8091	21.3	33.3
0235_01	30000 ppm	Day : 4	15.8	19680	21.5	32.2
0235_01	30000 ppm	Day : 22	13.6	7912	19.9	31.1

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:15:19

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Hemoglobin g per dL	Lymphocyte Count 1000 per uL	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL
0236_01	30000 ppm	Day : 4	15.4	8366	21.3	34
0236_01	30000 ppm	Day : 22	15.6	10556	22	34.1
0237_01	30000 ppm	Day : 4	14.8	10208	20.4	33.4
0237_01	30000 ppm	Day : 22	15.4	8008	21	33.6
0238_01	30000 ppm	Day : 4	15.2	6889	21.1	33.7
0238_01	30000 ppm	Day : 22	15.7	8265	21.3	33.6
0239_01	30000 ppm	Day : 4	15.2	6966	20.9	33.1
0240_01	30000 ppm	Day : 4	15.1	8505	20.9	33.3
0240_01	30000 ppm	Day : 22	15	7812	20.8	32.9

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**FEMALE**


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Animal No.	Dose	Time In Study	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL
0061_01	0 ppm	Day : 92	57	0	96	752
0062_01	0 ppm	Day : 92	59	0	87	768
0063_01	0 ppm	Day : 92	59	0	0	699
0064_01	0 ppm	Day : 92	56	88	0	719
0065_01	0 ppm	Day : 92	58	0	0	782
0066_01	0 ppm	Day : 92	59	112	0	764
0067_01	0 ppm	Day : 92	57	0	0	800
0068_01	0 ppm	Day : 92	58	78	0	710
0069_01	0 ppm	Day : 92	57	0	0	709
0070_01	0 ppm	Day : 92	57	132	0	703
0071_01	1875 ppm	Day : 92	61	0	122	864
0072_01	1875 ppm	Day : 92	60	99	0	767
0073_01	1875 ppm	Day : 92	60	0	0	761
0074_01	1875 ppm	Day : 92	60	0	101	779
0075_01	1875 ppm	Day : 92	60	63	0	774
0076_01	1875 ppm	Day : 92	61	220	110	845
0077_01	1875 ppm	Day : 92	61	0	0	853
0078_01	1875 ppm	Day : 92	61	0	0	802
0079_01	1875 ppm	Day : 92	61	114	0	815
0080_01	1875 ppm	Day : 92	60	112	0	786
0081_01	3750 ppm	Day : 92	59	107	0	905



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**FEMALE**


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Animal No.	Dose	Time In Study	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL
0082_01	3750 ppm	Day : 92	59	99	0	879
0083_01	3750 ppm	Day : 92	60	102	204	884
0084_01	3750 ppm	Day : 92	59	0	85	762
0085_01	3750 ppm	Day : 92	60	0	0	831
0086_01	3750 ppm	Day : 92	59	78	0	819
0087_01	3750 ppm	Day : 92	59	0	0	892
0088_01	3750 ppm	Day : 92	59	0	0	839
0089_01	3750 ppm	Day : 92	59	0	0	874
0090_01	3750 ppm	Day : 92	60	0	0	799
0091_01	7500 ppm	Day : 92	59	0	0	857
0092_01	7500 ppm	Day : 92	59	0	87	824
0093_01	7500 ppm	Day : 92	59	0	69	796
0094_01	7500 ppm	Day : 92	59	170	0	856
0095_01	7500 ppm	Day : 92	60	0	0	854
0096_01	7500 ppm	Day : 92	60	0	0	859
0097_01	7500 ppm	Day : 92	60	0	0	902
0098_01	7500 ppm	Day : 92	60	0	77	802
0099_01	7500 ppm	Day : 92	59	0	0	800
0100_01	7500 ppm	Day : 92	60	71	71	849
0101_01	15000 ppm	Day : 92	59	154	0	879
0102_01	15000 ppm	Day : 92	60	216	0	825

## FEMALE

Animal No.	Dose	Time In Study	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL
0103_01	15000 ppm	Day : 92	59	84	0	838
0104_01	15000 ppm	Day : 92	60	139	0	830
0105_01	15000 ppm	Day : 92	59	0	120	928
0106_01	15000 ppm	Day : 92	59	77	0	909
0107_01	15000 ppm	Day : 92	59	0	138	898
0108_01	15000 ppm	Day : 92	59	111	0	887
0109_01	15000 ppm	Day : 92	62	99	0	862
0110_01	15000 ppm	Day : 92	60	0	0	848
0111_01	30000 ppm	Day : 92	59	0	0	848
0112_01	30000 ppm	Day : 92	60	93	0	850
0113_01	30000 ppm	Day : 92	59	94	0	810
0114_01	30000 ppm	Day : 92	60	0	0	884
0115_01	30000 ppm	Day : 92	59	123	0	994
0116_01	30000 ppm	Day : 92	60	0	0	917
0117_01	30000 ppm	Day : 92	59	0	0	789
0118_01	30000 ppm	Day : 92	59	126	0	924
0119_01	30000 ppm	Day : 92	60	0	0	856
0120_01	30000 ppm	Day : 92	59	0	82	877
0181_01	0 ppm	Day : 4	64	168	0	1015
0181_01	0 ppm	Day : 22	62	99	0	785
0182_01	0 ppm	Day : 4	63	262	0	726

## FEMALE

Animal No.	Dose	Time In Study	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL
0182_01	0 ppm	Day : 22	61	372	0	736
0183_01	0 ppm	Day : 4	64	94	0	965
0183_01	0 ppm	Day : 22	63	0	0	624
0184_01	0 ppm	Day : 4	64	0	273	945
0184_01	0 ppm	Day : 22	62	504	0	730
0185_01	0 ppm	Day : 4	63	0	99	911
0185_01	0 ppm	Day : 22	62	90	0	852
0186_01	0 ppm	Day : 4	65	594	0	971
0186_01	0 ppm	Day : 22	63	255	0	603
0187_01	0 ppm	Day : 4	64	312	78	1041
0187_01	0 ppm	Day : 22	62	84	0	809
0188_01	0 ppm	Day : 4	63	261	87	942
0188_01	0 ppm	Day : 22	61	294	0	824
0189_01	0 ppm	Day : 4	64	160	240	993
0189_01	0 ppm	Day : 22	63	84	0	785
0190_01	0 ppm	Day : 4	64	237	0	1071
0190_01	0 ppm	Day : 22	63	208	104	897
0191_01	1875 ppm	Day : 4	63	380	0	925
0191_01	1875 ppm	Day : 22	64	89	0	752
0192_01	1875 ppm	Day : 4	62	276	0	939
0192_01	1875 ppm	Day : 22	64	0	0	897

## FEMALE

Animal No.	Dose	Time In Study	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL
0193_01	1875 ppm	Day : 4	62	119	357	995
0193_01	1875 ppm	Day : 22	63	68	0	836
0194_01	1875 ppm	Day : 4	63	158	237	928
0194_01	1875 ppm	Day : 22	63	252	0	647
0195_01	1875 ppm	Day : 4	65	96	0	912
0195_01	1875 ppm	Day : 22	64	544	0	834
0196_01	1875 ppm	Day : 4	64	356	445	723
0196_01	1875 ppm	Day : 22	74	136	0	1033
0197_01	1875 ppm	Day : 4	63	348	0	969
0197_01	1875 ppm	Day : 22	64	0	0	875
0198_01	1875 ppm	Day : 4	62	548	411	908
0198_01	1875 ppm	Day : 22	62	456	0	892
0199_01	1875 ppm	Day : 4	64	105	0	854
0199_01	1875 ppm	Day : 22	64	127	0	654
0200_01	1875 ppm	Day : 4	64	126	0	893
0200_01	1875 ppm	Day : 22	64	0	118	886
0201_01	3750 ppm	Day : 4	64	321	107	834
0201_01	3750 ppm	Day : 22	63	196	0	939
0202_01	3750 ppm	Day : 4	65	88	0	970
0202_01	3750 ppm	Day : 22	64	97	0	892
0203_01	3750 ppm	Day : 4	63	176	88	1040

## FEMALE

Animal No.	Dose	Time In Study	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL
0203_01	3750 ppm	Day : 22	64	194	0	936
0204_01	3750 ppm	Day : 4	63	73	73	945
0204_01	3750 ppm	Day : 22	65	0	0	873
0205_01	3750 ppm	Day : 4	65	303	606	944
0205_01	3750 ppm	Day : 22	65	100	0	867
0206_01	3750 ppm	Day : 4	64	0	0	597
0206_01	3750 ppm	Day : 22	62	146	0	900
0207_01	3750 ppm	Day : 4	62	92	92	977
0207_01	3750 ppm	Day : 22	63	535	0	797
0208_01	3750 ppm	Day : 22	64	124	0	869
0209_01	3750 ppm	Day : 4	63	115	0	1066
0209_01	3750 ppm	Day : 22	63	256	0	797
0210_01	3750 ppm	Day : 4	64	101	101	868
0210_01	3750 ppm	Day : 22	63	124	0	883
0211_01	7500 ppm	Day : 4	62	107	0	1094
0211_01	7500 ppm	Day : 22	64	0	0	945
0212_01	7500 ppm	Day : 4	63	84	84	988
0212_01	7500 ppm	Day : 22	63	0	151	810
0213_01	7500 ppm	Day : 4	62	460	0	1115
0213_01	7500 ppm	Day : 22	64	0	0	905
0214_01	7500 ppm	Day : 4	62	77	0	1015

## FEMALE

Animal No.	Dose	Time In Study	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL
0214_01	7500 ppm	Day : 22	64	180	90	957
0215_01	7500 ppm	Day : 4	64	426	142	1089
0215_01	7500 ppm	Day : 22	64	130	0	976
0216_01	7500 ppm	Day : 4	63	498	0	921
0216_01	7500 ppm	Day : 22	64	93	0	850
0217_01	7500 ppm	Day : 4	64	83	0	1049
0217_01	7500 ppm	Day : 22	64	89	0	907
0218_01	7500 ppm	Day : 4	63	98	0	1073
0218_01	7500 ppm	Day : 22	64	432	0	915
0219_01	7500 ppm	Day : 4	64	222	111	893
0219_01	7500 ppm	Day : 22	64	456	0	948
0220_01	7500 ppm	Day : 4	64	318	106	1046
0220_01	7500 ppm	Day : 22	64	74	0	899
0221_01	15000 ppm	Day : 4	62	297	0	1033
0221_01	15000 ppm	Day : 22	63	484	121	979
0222_01	15000 ppm	Day : 4	63	480	0	991
0222_01	15000 ppm	Day : 22	63	0	0	889
0223_01	15000 ppm	Day : 4	64	339	0	926
0223_01	15000 ppm	Day : 22	64	228	0	825
0224_01	15000 ppm	Day : 4	63	202	0	1053
0224_01	15000 ppm	Day : 22	63	0	0	900

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:15:19

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL
0225_01	15000 ppm	Day : 4	64	0	97	793
0225_01	15000 ppm	Day : 22	64	0	0	619
0226_01	15000 ppm	Day : 4	63	97	0	1085
0226_01	15000 ppm	Day : 22	65	212	0	884
0227_01	15000 ppm	Day : 4	62	224	0	1086
0227_01	15000 ppm	Day : 22	64	0	0	979
0228_01	15000 ppm	Day : 4	62	91	0	1139
0228_01	15000 ppm	Day : 22	65	0	0	1013
0229_01	15000 ppm	Day : 4	63	176	0	846
0229_01	15000 ppm	Day : 22	65	166	0	898
0230_01	15000 ppm	Day : 4	63	0	0	1014
0231_01	30000 ppm	Day : 4	63	294	0	885
0231_01	30000 ppm	Day : 22	65	0	0	919
0232_01	30000 ppm	Day : 4	64	0	0	862
0232_01	30000 ppm	Day : 22	64	270	0	834
0233_01	30000 ppm	Day : 4	64	210	0	934
0233_01	30000 ppm	Day : 22	63	0	0	941
0234_01	30000 ppm	Day : 4	62	357	0	966
0234_01	30000 ppm	Day : 22	64	93	0	964
0235_01	30000 ppm	Day : 4	67	240	240	877
0235_01	30000 ppm	Day : 22	64	0	0	891

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:15:19

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL
0236_01	30000 ppm	Day : 4	63	376	94	918
0236_01	30000 ppm	Day : 22	65	116	0	786
0237_01	30000 ppm	Day : 4	61	116	0	1119
0237_01	30000 ppm	Day : 22	63	273	0	950
0238_01	30000 ppm	Day : 4	63	0	0	1104
0238_01	30000 ppm	Day : 22	63	285	0	937
0239_01	30000 ppm	Day : 4	63	243	0	1101
0240_01	30000 ppm	Day : 4	63	315	315	877
0240_01	30000 ppm	Day : 22	63	186	0	921



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**FEMALE**


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Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0061_01	0 ppm	Day : 92	7.87	47220	2112	9.6
0062_01	0 ppm	Day : 92	8.32	91520	2262	8.7
0063_01	0 ppm	Day : 92	8.26	123900	2940	10.5
0064_01	0 ppm	Day : 92	7.6	106400	1056	8.8
0065_01	0 ppm	Day : 92	8.28	140760	2280	9.5
0066_01	0 ppm	Day : 92	7.51	120160	2464	11.2
0067_01	0 ppm	Day : 92	7.9	102700	2444	9.4
0068_01	0 ppm	Day : 92	7.83	62640	936	7.8
0069_01	0 ppm	Day : 92	8.08	105040	1232	8.8
0070_01	0 ppm	Day : 92	7.51	60080	924	6.6
0071_01	1875 ppm	Day : 92	7.79	249280	2074	12.2
0072_01	1875 ppm	Day : 92	7.16	114560	693	9.9
0073_01	1875 ppm	Day : 92	6.34	202880	768	6.4
0074_01	1875 ppm	Day : 92	7.12	149520	1515	10.1
0075_01	1875 ppm	Day : 92	6.7	194300	756	6.3
0076_01	1875 ppm	Day : 92	7.36	169280	1210	11
0077_01	1875 ppm	Day : 92	7.05	218550	1938	10.2
0078_01	1875 ppm	Day : 92	6.91	304040	708	11.8
0079_01	1875 ppm	Day : 92	7.09	276510	2052	11.4
0080_01	1875 ppm	Day : 92	7.05	105750	784	11.2
0081_01	3750 ppm	Day : 92	7.45	320350	1070	10.7
0082_01	3750 ppm	Day : 92	7.34	161480	1287	9.9

## FEMALE

Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0083_01	3750 ppm	Day : 92	7.52	255680	1326	10.2
0084_01	3750 ppm	Day : 92	7.45	245850	850	8.5
0085_01	3750 ppm	Day : 92	7.47	216630	1649	9.7
0086_01	3750 ppm	Day : 92	7.56	204120	702	7.8
0087_01	3750 ppm	Day : 92	7.55	279350	1456	10.4
0088_01	3750 ppm	Day : 92	7.15	207350	990	9.9
0089_01	3750 ppm	Day : 92	7.24	318560	2550	8.5
0090_01	3750 ppm	Day : 92	7.35	279300	954	10.6
0091_01	7500 ppm	Day : 92	7.57	272520	830	8.3
0092_01	7500 ppm	Day : 92	7.23	238590	870	8.7
0093_01	7500 ppm	Day : 92	7.03	246050	828	6.9
0094_01	7500 ppm	Day : 92	7.59	189750	1275	8.5
0095_01	7500 ppm	Day : 92	7.12	128160	1215	8.1
0096_01	7500 ppm	Day : 92	7.71	377790	1740	11.6
0097_01	7500 ppm	Day : 92	7.34	322960	2568	10.7
0098_01	7500 ppm	Day : 92	7.47	216630	847	7.7
0099_01	7500 ppm	Day : 92	7.6	304000	891	8.1
0100_01	7500 ppm	Day : 92	7.28	276640	568	7.1
0101_01	15000 ppm	Day : 92	7.53	316260	770	7.7
0102_01	15000 ppm	Day : 92	7.13	228160	1944	10.8
0103_01	15000 ppm	Day : 92	7.13	270940	504	8.4
0104_01	15000 ppm	Day : 92	7.39	192140	1946	13.9

Experiment Number: 88036-01

## P44: Hematology Data

Date Report Requested: 10/26/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 02:15:19

First Dose M/F: NA / NA

Lab: NA

## FEMALE

Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0104_01	15000 ppm	Day : 92	7.39	192140	1946	13.9
0105_01	15000 ppm	Day : 92	7.6	182400	2040	12
0106_01	15000 ppm	Day : 92	7.55	196300	1001	7.7
0107_01	15000 ppm	Day : 92	7.27	247180	966	6.9
0108_01	15000 ppm	Day : 92	7.81	179630	1665	11.1
0109_01	15000 ppm	Day : 92	7.41	237120	990	9.9
0110_01	15000 ppm	Day : 92	7.23	253050	624	7.8
0111_01	30000 ppm	Day : 92	7.24	217200	1200	10
0112_01	30000 ppm	Day : 92	6.88	261440	837	9.3
0113_01	30000 ppm	Day : 92	7.4	273800	846	9.4
0114_01	30000 ppm	Day : 92	6.97	250920	2300	10
0115_01	30000 ppm	Day : 92	7.87	299060	1845	12.3
0116_01	30000 ppm	Day : 92	7.16	250600	595	8.5
0117_01	30000 ppm	Day : 92	6.89	234260	1554	11.1
0118_01	30000 ppm	Day : 92	7.77	279720	2394	12.6
0119_01	30000 ppm	Day : 92	7.19	122230	1034	9.4
0120_01	30000 ppm	Day : 92	6.99	279600	984	8.2
0181_01	0 ppm	Day : 4	6.75	249750	1176	8.4
0181_01	0 ppm	Day : 22	7.43	118880	1089	9.9
0182_01	0 ppm	Day : 4	6.7	194300	1965	13.1
0182_01	0 ppm	Day : 22	7.49	119840	1209	9.3
0183_01	0 ppm	Day : 4	6.67	200100	1034	9.4

## FEMALE

Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0183_01	0 ppm	Day : 22	7.52	75200	1440	9
0184_01	0 ppm	Day : 4	6.39	185310	1183	9.1
0184_01	0 ppm	Day : 22	7.53	82830	420	8.4
0185_01	0 ppm	Day : 4	7.13	156860	693	9.9
0185_01	0 ppm	Day : 22	7.35	80850	1080	9
0186_01	0 ppm	Day : 4	6.41	262810	990	9.9
0186_01	0 ppm	Day : 22	7.52	120320	935	8.5
0187_01	0 ppm	Day : 4	6.47	194100	1092	7.8
0187_01	0 ppm	Day : 22	7.6	91200	672	8.4
0188_01	0 ppm	Day : 4	6.44	231840	1131	8.7
0188_01	0 ppm	Day : 22	8.31	132960	1176	9.8
0189_01	0 ppm	Day : 4	6.52	260800	1040	8
0189_01	0 ppm	Day : 22	7.21	151410	1008	8.4
0190_01	0 ppm	Day : 4	6.9	276000	632	7.9
0190_01	0 ppm	Day : 22	7.96	294520	832	10.4
0191_01	1875 ppm	Day : 4	6.62	284660	1330	9.5
0191_01	1875 ppm	Day : 22	6.93	214830	1958	8.9
0192_01	1875 ppm	Day : 4	6.72	295680	1012	9.2
0192_01	1875 ppm	Day : 22	7.19	237270	952	6.8
0193_01	1875 ppm	Day : 4	6.7	268000	1309	11.9
0193_01	1875 ppm	Day : 22	6.85	280850	816	6.8
0194_01	1875 ppm	Day : 4	6.78	257640	790	7.9

## FEMALE

Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0194_01	1875 ppm	Day : 4	6.78	257640	790	7.9
0194_01	1875 ppm	Day : 22	6.76	371800	2016	12.6
0195_01	1875 ppm	Day : 4	6.46	264860	1344	9.6
0195_01	1875 ppm	Day : 22	6.75	243000	1632	13.6
0196_01	1875 ppm	Day : 4	5.93	219410	1602	8.9
0196_01	1875 ppm	Day : 22	6.07	770890	2720	13.6
0197_01	1875 ppm	Day : 4	6.76	338000	696	8.7
0197_01	1875 ppm	Day : 22	6.75	425250	1339	10.3
0198_01	1875 ppm	Day : 4	7.09	248150	2055	13.7
0198_01	1875 ppm	Day : 22	7	224000	1596	11.4
0199_01	1875 ppm	Day : 4	6.6	316800	1680	10.5
0199_01	1875 ppm	Day : 22	6.99	286590	1778	12.7
0200_01	1875 ppm	Day : 4	6.72	309120	2268	12.6
0200_01	1875 ppm	Day : 22	7.03	295260	472	11.8
0201_01	3750 ppm	Day : 4	6.76	290680	1605	10.7
0201_01	3750 ppm	Day : 22	7.06	367120	1470	9.8
0202_01	3750 ppm	Day : 4	6.76	371800	704	8.8
0202_01	3750 ppm	Day : 22	6.92	256040	970	9.7
0203_01	3750 ppm	Day : 4	6.97	257890	1408	8.8
0203_01	3750 ppm	Day : 22	7.05	408900	1067	9.7
0204_01	3750 ppm	Day : 4	7.03	288230	438	7.3
0204_01	3750 ppm	Day : 22	6.85	205500	1335	8.9

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:15:20

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0205_01	3750 ppm	Day : 4	6.5	312000	606	10.1
0205_01	3750 ppm	Day : 22	6.71	261690	800	10
0206_01	3750 ppm	Day : 4	6.24	299520	1564	9.2
0206_01	3750 ppm	Day : 22	7.01	196280	657	7.3
0207_01	3750 ppm	Day : 4	7.06	204740	736	9.2
0207_01	3750 ppm	Day : 22	6.75	182250	1177	10.7
0208_01	3750 ppm	Day : 22	7.03	323380	620	12.4
0209_01	3750 ppm	Day : 4	6.75	256500	2185	11.5
0209_01	3750 ppm	Day : 22	7	203000	3584	12.8
0210_01	3750 ppm	Day : 4	7	280000	808	10.1
0210_01	3750 ppm	Day : 22	6.85	219200	1116	12.4
0211_01	7500 ppm	Day : 4	7.45	193700	1070	10.7
0211_01	7500 ppm	Day : 22	7	189000	1066	8.2
0212_01	7500 ppm	Day : 4	7.1	213000	924	8.4
0212_01	7500 ppm	Day : 22	7.16	365160	755	15.1
0213_01	7500 ppm	Day : 4	7.44	238080	1380	11.5
0213_01	7500 ppm	Day : 22	7.06	338880	902	8.2
0214_01	7500 ppm	Day : 4	6.55	163750	924	7.7
0214_01	7500 ppm	Day : 22	7.24	217200	630	9
0215_01	7500 ppm	Day : 4	6.93	304920	2272	14.2
0215_01	7500 ppm	Day : 22	7.13	278070	780	13
0216_01	7500 ppm	Day : 4	7.12	192240	1162	8.3

Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

## P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:15:20

First Dose M/F: NA / NA

Lab: NA

## FEMALE

Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0216_01	7500 ppm	Day : 4	7.12	192240	1162	8.3
0216_01	7500 ppm	Day : 22	7.17	164910	1116	9.3
0217_01	7500 ppm	Day : 4	6.86	308700	1328	8.3
0217_01	7500 ppm	Day : 22	6.97	257890	1335	8.9
0218_01	7500 ppm	Day : 4	7.48	314160	490	9.8
0218_01	7500 ppm	Day : 22	6.89	296270	1188	10.8
0219_01	7500 ppm	Day : 4	7.15	286000	111	11.1
0219_01	7500 ppm	Day : 22	6.99	195720	1368	11.4
0220_01	7500 ppm	Day : 4	6.78	501720	848	10.6
0220_01	7500 ppm	Day : 22	6.85	301400	814	7.4
0221_01	15000 ppm	Day : 4	6.86	240100	792	9.9
0221_01	15000 ppm	Day : 22	7.34	278920	726	12.1
0222_01	15000 ppm	Day : 4	7.4	214600	1200	12
0222_01	15000 ppm	Day : 22	7.4	133200	720	9
0223_01	15000 ppm	Day : 4	6.54	183120	452	11.3
0223_01	15000 ppm	Day : 22	7.01	210300	684	11.4
0224_01	15000 ppm	Day : 4	7.28	378560	1414	10.1
0224_01	15000 ppm	Day : 22	7.17	322650	1320	11
0225_01	15000 ppm	Day : 4	7.15	371800	1261	9.7
0225_01	15000 ppm	Day : 22	7.2	309600	1200	8
0226_01	15000 ppm	Day : 4	7.27	283530	1358	9.7
0226_01	15000 ppm	Day : 22	6.55	111350	742	10.6

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**FEMALE**


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Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0227_01	15000 ppm	Day : 4	7.17	179250	1008	11.2
0227_01	15000 ppm	Day : 22	7.25	290000	2140	10.7
0228_01	15000 ppm	Day : 4	7.52	188000	728	9.1
0228_01	15000 ppm	Day : 22	7.05	232650	1274	9.8
0229_01	15000 ppm	Day : 4	6.54	209280	880	8.8
0229_01	15000 ppm	Day : 22	6.67	253460	664	8.3
0230_01	15000 ppm	Day : 4	6.93	304920	1664	10.4
0231_01	30000 ppm	Day : 4	7.32	190320	2058	9.8
0231_01	30000 ppm	Day : 22	7.2	252000	576	7.2
0232_01	30000 ppm	Day : 4	7.35	198450	648	10.8
0232_01	30000 ppm	Day : 22	7.1	241400	810	13.5
0233_01	30000 ppm	Day : 4	7.28	247520	840	10.5
0233_01	30000 ppm	Day : 22	6.84	273600	600	7.5
0234_01	30000 ppm	Day : 4	7.03	246050	2380	11.9
0234_01	30000 ppm	Day : 22	6.62	304520	1116	9.3
0235_01	30000 ppm	Day : 4	7.34	293600	4080	24
0235_01	30000 ppm	Day : 22	6.85	205500	688	8.6
0236_01	30000 ppm	Day : 4	7.24	383720	658	9.4
0236_01	30000 ppm	Day : 22	7.09	354500	928	11.6
0237_01	30000 ppm	Day : 4	7.27	312610	1276	11.6
0237_01	30000 ppm	Day : 22	7.32	219600	819	9.1
0238_01	30000 ppm	Day : 4	7.2	273600	1328	8.3



Experiment Number: 88036-01

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 02:15:20

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0238_01	30000 ppm	Day : 4	7.2	273600	1328	8.3
0238_01	30000 ppm	Day : 22	7.36	264960	760	9.5
0239_01	30000 ppm	Day : 4	7.29	160380	891	8.1
0240_01	30000 ppm	Day : 4	7.23	209670	1680	10.5
0240_01	30000 ppm	Day : 22	7.21	180250	1302	9.3

\*\* END OF REPORT \*\*