

**Experiment Number:** 05206-05

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

**P44: Hematology Data**

**Date Report Requested:** 10/24/2014

**Time Report Requested:** 11:47:16

**First Dose M/F:** NA / NA

**Lab:** NA

**C Number:** C62191B

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Both

## MALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0001_05	0 ppm	Week : 13	0.082	47.4	14.2	6.396
0002_05	0 ppm	Week : 13	0.22	47.8	14.4	7.48
0003_05	0 ppm	Week : 13	0.237	48.4	14.1	6.399
0004_05	0 ppm	Week : 13	0	46	13.9	8.316
0005_05	0 ppm	Week : 13	0	47.6	13.8	6.059
0006_05	0 ppm	Week : 13	0.352	50.1	14.7	7.04
0007_05	0 ppm	Week : 13	0	48.4	14.3	4.928
0008_05	0 ppm	Week : 13	0.077	49.1	14.8	5.929
0009_05	0 ppm	Week : 13	0	47.5	14.6	7.654
0010_05	0 ppm	Week : 13	0.078	46.8	13.7	6.318
0011_05	0 ppm	Day : 21	0.064	48	14.7	5.312
0012_05	0 ppm	Day : 5	0	38.1	12.4	4.806
0012_05	0 ppm	Day : 21	0	43.9	13.7	6.348
0013_05	0 ppm	Day : 5	0	41	13.8	7.049
0013_05	0 ppm	Day : 21	0	47.4	14.7	3.36
0014_05	0 ppm	Day : 5	0.056	39.7	13.5	4.648
0014_05	0 ppm	Day : 21	0	46.1	14.1	3.432
0015_05	0 ppm	Day : 5	0.079	40.3	13.1	6.083
0015_05	0 ppm	Day : 21	0	47.5	14.3	6.248
0016_05	0 ppm	Day : 5	0	39.4	13.3	2.542
0016_05	0 ppm	Day : 21	0.069	44.6	13.9	5.865
0017_05	0 ppm	Day : 5	0.061	39.9	13.1	5.307

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## P44: Hematology Data

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First Dose M/F: NA / NA

Lab: NA

## MALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0017_05	0 ppm	Day : 21	0	45.9	13.9	6.745
0018_05	0 ppm	Day : 5	0	38.4	13	3.92
0018_05	0 ppm	Day : 21	0.063	45.7	14.4	5.355
0019_05	0 ppm	Day : 5	0.058	36.5	12.5	5.046
0019_05	0 ppm	Day : 21	0.094	43.8	14	3.995
0020_05	0 ppm	Day : 5	0	39.8	13.3	5.61
0020_05	0 ppm	Day : 21	0.082	46.7	14.3	7.052
0021_05	500 ppm	Week : 13	0.096	44.4	13.5	7.488
0022_05	500 ppm	Week : 13	0	46.9	13.8	6.232
0023_05	500 ppm	Week : 13	0.249	44.2	13.1	6.225
0024_05	500 ppm	Week : 13	0.348	44.1	13	6.003
0025_05	500 ppm	Week : 13	0.213	45.1	13.1	5.325
0026_05	500 ppm	Week : 13	0	48.2	13.8	6.624
0027_05	500 ppm	Week : 13	0.055	49.3	14.3	4.62
0028_05	500 ppm	Week : 13	0	45.9	14.4	7.917
0029_05	500 ppm	Week : 13	0	48.5	14.4	6.64
0030_05	500 ppm	Week : 13	0	48.1	14.2	5.53
0031_05	500 ppm	Day : 5	0	40.2	13.6	4.464
0031_05	500 ppm	Day : 21	0.07	48.1	14.8	6.3
0032_05	500 ppm	Day : 5	0	38.8	12.7	2.001
0032_05	500 ppm	Day : 21	0	45.4	13.9	5.22
0033_05	500 ppm	Day : 5	0.059	37.3	12.7	5.251

## MALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0033_05	500 ppm	Day : 5	0.059	37.3	12.7	5.251
0033_05	500 ppm	Day : 21	0	45.6	14	4.59
0034_05	500 ppm	Day : 5	0	40.6	13.2	5.695
0034_05	500 ppm	Day : 21	0.069	46.2	14	6.003
0035_05	500 ppm	Day : 5	0	38.8	13.3	4.558
0035_05	500 ppm	Day : 21	0	44.6	14.2	4.505
0036_05	500 ppm	Day : 5	0.077	40.6	13.1	6.699
0036_05	500 ppm	Day : 21	0.164	47.4	14.7	7.216
0038_05	500 ppm	Day : 5	0.055	39	13	4.675
0038_05	500 ppm	Day : 21	0	46.9	14.2	8.084
0039_05	500 ppm	Day : 5	0	39.1	13.1	4.536
0039_05	500 ppm	Day : 21	0.051	46.8	14.4	4.488
0040_05	500 ppm	Day : 5	0	39.4	13.2	4.76
0040_05	500 ppm	Day : 21	0.108	47.4	14.9	4.482
0041_05	1000 ppm	Week : 13	0	47.5	13.7	8.505
0042_05	1000 ppm	Week : 13	0	47.4	14.1	8.415
0043_05	1000 ppm	Week : 13	0.198	48	14.6	8.217
0044_05	1000 ppm	Week : 13	0.064	47.4	13.9	5.44
0045_05	1000 ppm	Week : 13	0.228	46.5	13.8	6.08
0046_05	1000 ppm	Week : 13	0	48.8	14.2	6.3
0047_05	1000 ppm	Week : 13	0.192	47.6	14	8.064
0048_05	1000 ppm	Week : 13	0	46.8	13.9	6.15

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**MALE**


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Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0049_05	1000 ppm	Week : 13	0.164	48.2	14.3	6.888
0050_05	1000 ppm	Week : 13	0.07	46.8	13.8	5.74
0051_05	1000 ppm	Day : 5	0	38.3	12.8	2.87
0051_05	1000 ppm	Day : 21	0	45.8	14.1	4.165
0052_05	1000 ppm	Day : 5	0.075	39.7	12.8	6.45
0052_05	1000 ppm	Day : 21	0.066	46.7	14.5	5.676
0053_05	1000 ppm	Day : 5	0.072	38.7	12.6	5.976
0053_05	1000 ppm	Day : 21	0	44.9	13.9	4.914
0054_05	1000 ppm	Day : 5	0	39.5	13.1	8.184
0054_05	1000 ppm	Day : 21	0.109	47.7	14.3	10.35
0055_05	1000 ppm	Day : 5	0	41.3	13.8	4.95
0055_05	1000 ppm	Day : 21	0	46.9	14.7	4.968
0056_05	1000 ppm	Day : 5	0	37.9	13	4.212
0056_05	1000 ppm	Day : 21	0.079	47	14.4	6.952
0057_05	1000 ppm	Day : 5	0	37.9	12.7	5.133
0057_05	1000 ppm	Day : 21	0	44.7	14.2	5.152
0058_05	1000 ppm	Day : 5	0	38.3	12.7	2.46
0058_05	1000 ppm	Day : 21	0	43.8	13.8	5.332
0059_05	1000 ppm	Day : 5	0	38.6	13.3	5.33
0059_05	1000 ppm	Day : 21	0	46.7	14.5	6.348
0060_05	1000 ppm	Day : 5	0	39.9	13.2	6.237
0060_05	1000 ppm	Day : 21	0.091	46.1	14.5	8.099

## MALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0060_05	1000 ppm	Day : 21	0.091	46.1	14.5	8.099
0061_05	2000 ppm	Week : 13	0	49.8	14.6	5.372
0062_05	2000 ppm	Week : 13	0.072	45.8	13.7	5.544
0063_05	2000 ppm	Week : 13	0.15	46.8	13.9	6.075
0064_05	2000 ppm	Week : 13	0.063	49	14.2	5.607
0065_05	2000 ppm	Week : 13	0.142	48.4	14.7	6.106
0066_05	2000 ppm	Week : 13	0.041	48.2	14.4	3.28
0067_05	2000 ppm	Week : 13	0.127	49.7	14.4	10.03
0068_05	2000 ppm	Week : 13	0.078	47.3	14.2	5.616
0069_05	2000 ppm	Week : 13	0.104	47	14.3	6.136
0070_05	2000 ppm	Week : 13	0	48.9	14.2	6.248
0071_05	2000 ppm	Day : 5	0.068	39.2	12.6	5.78
0071_05	2000 ppm	Day : 21	0.246	39.2	12.5	7.216
0072_05	2000 ppm	Day : 5	0	38.4	12.6	7.128
0072_05	2000 ppm	Day : 21	0.09	44.4	14	8.19
0073_05	2000 ppm	Day : 5	0.085	39.5	13.1	7.055
0073_05	2000 ppm	Day : 21	0.074	46.5	14.6	6.808
0074_05	2000 ppm	Day : 5	0	37.6	13	6.192
0074_05	2000 ppm	Day : 21	0	44.5	14.1	7.315
0075_05	2000 ppm	Day : 5	0.024	38.3	12.9	1.896
0075_05	2000 ppm	Day : 21				
0076_05	2000 ppm	Day : 5	0	39.2	13.4	6.278

## MALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0076_05	2000 ppm	Day : 21	0.077	46	13.9	6.853
0077_05	2000 ppm	Day : 5	0.033	38.6	12.6	2.772
0077_05	2000 ppm	Day : 21	0.035	46	14.1	2.94
0078_05	2000 ppm	Day : 5	0	39.6	12.7	6.536
0078_05	2000 ppm	Day : 21	0	42.6	13.5	7.12
0079_05	2000 ppm	Day : 5	0	40	13.1	6.205
0079_05	2000 ppm	Day : 21	0.219	45	14.2	6.278
0080_05	2000 ppm	Day : 5	0	39.5	12.7	4.698
0080_05	2000 ppm	Day : 21	0.089	43.7	13.5	7.743
0081_05	4000 ppm	Week : 13	0.21	45.7	13.4	7.665
0082_05	4000 ppm	Week : 13	0.285	44.1	13.1	7.6
0083_05	4000 ppm	Week : 13	0.202	43.6	12.9	7.878
0084_05	4000 ppm	Week : 13	0.158	45.3	13.5	6.241
0085_05	4000 ppm	Week : 13	0	43.9	13.3	9.135
0086_05	4000 ppm	Week : 13	0	48.4	14.5	6.083
0087_05	4000 ppm	Week : 13	0	47.2	14	6.068
0088_05	4000 ppm	Week : 13	0.192	49	14.3	7.68
0089_05	4000 ppm	Week : 13	0.103	45.1	13.4	8.858
0090_05	4000 ppm	Week : 13	0.079	35.9	11.3	6.636
0091_05	4000 ppm	Day : 5	0	39	13.4	3.32
0091_05	4000 ppm	Day : 21	0	35.6	11.2	5.544
0092_05	4000 ppm	Day : 5	0	38.2	12.8	4.704

## MALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0092_05	4000 ppm	Day : 5	0	38.2	12.8	4.704
0092_05	4000 ppm	Day : 21	0	34	11	7.047
0093_05	4000 ppm	Day : 5	0	40.7	13.1	5.824
0093_05	4000 ppm	Day : 21	0	43.4	13.7	9.951
0094_05	4000 ppm	Day : 5	0	39	12.7	8.091
0094_05	4000 ppm	Day : 21	0	30.3	10	6.048
0095_05	4000 ppm	Day : 5	0	38.9	13.1	7.056
0095_05	4000 ppm	Day : 21	0	44.2	14.1	6.12
0096_05	4000 ppm	Day : 5	0	40.2	13.1	5.427
0096_05	4000 ppm	Day : 21	0	33.3	11.1	7.04
0097_05	4000 ppm	Day : 5	0	39.2	12.6	5.963
0097_05	4000 ppm	Day : 21	0.082	33.3	10.9	6.97
0098_05	4000 ppm	Day : 5	0	41.4	13.5	8.091
0098_05	4000 ppm	Day : 21	0	32.7	10.6	8.281
0099_05	4000 ppm	Day : 5	0	39.2	13.4	9.108
0099_05	4000 ppm	Day : 21	0	41.8	13.2	5.016
0100_05	4000 ppm	Day : 5	0	39.4	13.1	6.375
0100_05	4000 ppm	Day : 21	0	35.5	11.7	5.934
0101_05	8000 ppm	Week : 13	0	47.6	14.2	8.991
0102_05	8000 ppm	Week : 13	0	29.5	9.8	10.13
0103_05	8000 ppm	Week : 13	0.093	44.1	13.2	6.603
0104_05	8000 ppm	Week : 13	0	38.2	11.4	7.665



## MALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0105_05	8000 ppm	Week : 13	0	41.7	12.9	9.02
0106_05	8000 ppm	Week : 13	0	40.6	12.3	5.846
0107_05	8000 ppm	Week : 13	0	41.9	12.4	6.984
0108_05	8000 ppm	Week : 13	0.112	41.4	12.4	9.072
0109_05	8000 ppm	Week : 13	0.101	44.4	12.9	7.979
0110_05	8000 ppm	Week : 13	0	32.5	10.3	7.614
0111_05	8000 ppm	Day : 5	0	44.9	14.7	8.232
0111_05	8000 ppm	Day : 21	0	28.8	9.9	9.3
0112_05	8000 ppm	Day : 5	0.061	41.2	13.8	5.063
0112_05	8000 ppm	Day : 21	0.098	34.4	11	8.918
0113_05	8000 ppm	Day : 5	0	42.1	14	6.512
0113_05	8000 ppm	Day : 21	0	38.7	11.7	7.872
0114_05	8000 ppm	Day : 5	0	43.8	14.7	6.364
0114_05	8000 ppm	Day : 21	0.112	37.1	11.6	4.648
0115_05	8000 ppm	Day : 5	0.049	41.4	13.7	3.871
0115_05	8000 ppm	Day : 21	0.036	36.1	11.4	3.024
0116_05	8000 ppm	Day : 5	0.128	39.5	13.6	5.184
0116_05	8000 ppm	Day : 21	0.063	38.9	12.3	5.292
0117_05	8000 ppm	Day : 5	0.196	44.2	14.3	8.33
0117_05	8000 ppm	Day : 21	0	33.9	10.9	5.32
0118_05	8000 ppm	Day : 5	0	47.2	15.1	7.568
0118_05	8000 ppm	Day : 21	0.082	34.1	10.9	6.888

Experiment Number: 05206-05

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:47:17

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0118_05	8000 ppm	Day : 21	0.082	34.1	10.9	6.888
0119_05	8000 ppm	Day : 5	0.085	40.8	13.3	6.46
0119_05	8000 ppm	Day : 21	0.079	26.9	8.8	6.952
0120_05	8000 ppm	Day : 5	0	42.6	14.1	6.724
0120_05	8000 ppm	Day : 21	0	39	12.3	8.787

## MALE

Animal No.	Dose	Time In Study	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL
0001_05	0 ppm	Week : 13	16.1	30	54	0.082
0002_05	0 ppm	Week : 13	16.1	30.1	53	0
0003_05	0 ppm	Week : 13	15.9	29.1	54	0
0004_05	0 ppm	Week : 13	16.2	30.2	54	0.099
0005_05	0 ppm	Week : 13	15.8	29	55	0.146
0006_05	0 ppm	Week : 13	16	29.3	55	0.088
0007_05	0 ppm	Week : 13	16	29.5	54	0.064
0008_05	0 ppm	Week : 13	15.9	30.1	53	0.077
0009_05	0 ppm	Week : 13	16.5	30.7	54	0
0010_05	0 ppm	Week : 13	15.9	29.3	54	0.078
0011_05	0 ppm	Day : 21	18	30.6	59	0.256
0012_05	0 ppm	Day : 5	19.7	32.5	61	0
0012_05	0 ppm	Day : 21	18.3	31.2	59	0
0013_05	0 ppm	Day : 5	19.2	33.7	57	0.16
0013_05	0 ppm	Day : 21	17.6	31	57	0.08
0014_05	0 ppm	Day : 5	19.3	33.9	57	0.056
0014_05	0 ppm	Day : 21	17.8	30.6	58	0.078
0015_05	0 ppm	Day : 5	20.1	32.5	62	0.237
0015_05	0 ppm	Day : 21	18	30.1	60	0.142
0016_05	0 ppm	Day : 5	20.1	33.8	59	0.093
0016_05	0 ppm	Day : 21	18.2	31.2	58	0.138

## MALE

Animal No.	Dose	Time In Study	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL
0017_05	0 ppm	Day : 5	19.7	32.8	60	0.061
0017_05	0 ppm	Day : 21	17.9	30.3	59	0
0018_05	0 ppm	Day : 5	20.5	33.9	60	0.049
0018_05	0 ppm	Day : 21	18.7	31.5	59	0.126
0019_05	0 ppm	Day : 5	20.2	34.2	59	0.174
0019_05	0 ppm	Day : 21	17.7	32	55	0.141
0020_05	0 ppm	Day : 5	19.9	33.4	60	0.132
0020_05	0 ppm	Day : 21	18	30.6	59	0.328
0021_05	500 ppm	Week : 13	16.1	30.4	53	0.096
0022_05	500 ppm	Week : 13	15.9	29.4	54	0
0023_05	500 ppm	Week : 13	16.1	29.6	54	0.166
0024_05	500 ppm	Week : 13	15.9	29.5	54	0.174
0025_05	500 ppm	Week : 13	15.6	29	54	0.213
0026_05	500 ppm	Week : 13	15.4	28.6	54	0.092
0027_05	500 ppm	Week : 13	16	29	55	0
0028_05	500 ppm	Week : 13	16.5	31.4	52	0.182
0029_05	500 ppm	Week : 13	16	29.7	54	0.083
0030_05	500 ppm	Week : 13	15.7	29.5	53	0.07
0031_05	500 ppm	Day : 5	20.1	33.8	59	0.048
0031_05	500 ppm	Day : 21	17.9	30.8	58	0.14
0032_05	500 ppm	Day : 5	19.3	32.7	59	0.023

## MALE

Animal No.	Dose	Time In Study	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL
0032_05	500 ppm	Day : 21	17.5	30.6	57	0
0033_05	500 ppm	Day : 5	20.6	34	61	0.059
0033_05	500 ppm	Day : 21	18.4	30.7	60	0.162
0034_05	500 ppm	Day : 5	19.7	32.5	61	0.134
0034_05	500 ppm	Day : 21	17.5	30.3	58	0.069
0035_05	500 ppm	Day : 5	19.8	34.3	58	0.159
0035_05	500 ppm	Day : 21	18	31.8	57	0.106
0036_05	500 ppm	Day : 5	19.6	32.3	61	0.077
0036_05	500 ppm	Day : 21	18.5	31	60	0.164
0038_05	500 ppm	Day : 5	19.8	33.3	59	0.33
0038_05	500 ppm	Day : 21	17.6	30.3	58	0
0039_05	500 ppm	Day : 5	19.6	33.5	59	0.108
0039_05	500 ppm	Day : 21	18	30.8	58	0.102
0040_05	500 ppm	Day : 5	19.5	33.5	58	0
0040_05	500 ppm	Day : 21	17.9	31.4	57	0
0041_05	1000 ppm	Week : 13	15.6	28.8	54	0.105
0042_05	1000 ppm	Week : 13	15.6	29.7	52	0.099
0043_05	1000 ppm	Week : 13	16	30.4	53	0.099
0044_05	1000 ppm	Week : 13	16.1	29.3	55	0.064
0045_05	1000 ppm	Week : 13	15.9	29.7	53	0.076
0046_05	1000 ppm	Week : 13	16	29.1	55	0.075

## MALE

Animal No.	Dose	Time In Study	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL
0047_05	1000 ppm	Week : 13	15.9	29.4	54	0.096
0048_05	1000 ppm	Week : 13	15.9	29.7	54	0.075
0049_05	1000 ppm	Week : 13	16.3	29.7	55	0.082
0050_05	1000 ppm	Week : 13	15.6	29.5	53	0.07
0051_05	1000 ppm	Day : 5	19.1	33.4	57	0.035
0051_05	1000 ppm	Day : 21	17.8	30.8	58	0.147
0052_05	1000 ppm	Day : 5	20.2	32.2	63	0
0052_05	1000 ppm	Day : 21	18.2	31	59	0.198
0053_05	1000 ppm	Day : 5	19.2	32.6	59	0.072
0053_05	1000 ppm	Day : 21	17.9	31	58	0.054
0054_05	1000 ppm	Day : 5	19.9	33.2	60	0.093
0054_05	1000 ppm	Day : 21	17.6	30	59	0
0055_05	1000 ppm	Day : 5	19.2	33.4	57	0.165
0055_05	1000 ppm	Day : 21	17.5	31.3	56	0.162
0056_05	1000 ppm	Day : 5	20	34.3	58	0.104
0056_05	1000 ppm	Day : 21	17.7	30.6	58	0
0057_05	1000 ppm	Day : 5	19.9	33.5	59	0.118
0057_05	1000 ppm	Day : 21	18.3	31.8	58	0.056
0058_05	1000 ppm	Day : 5	20	33.2	60	0.12
0058_05	1000 ppm	Day : 21	18.4	31.5	58	0.124
0059_05	1000 ppm	Day : 5	19.7	34.5	57	0.065

## MALE

Animal No.	Dose	Time In Study	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL
0059_05	1000 ppm	Day : 21	17.7	31	57	0.069
0060_05	1000 ppm	Day : 5	19.2	33.1	58	0.162
0060_05	1000 ppm	Day : 21	17.6	31.5	56	0.182
0061_05	2000 ppm	Week : 13	15.6	29.3	53	0.068
0062_05	2000 ppm	Week : 13	15.7	29.9	53	0.072
0063_05	2000 ppm	Week : 13	15.8	29.7	53	0.075
0064_05	2000 ppm	Week : 13	15.5	29	53	0
0065_05	2000 ppm	Week : 13	16	30.4	53	0
0066_05	2000 ppm	Week : 13	15.7	29.9	53	0
0067_05	2000 ppm	Week : 13	15.7	29	54	0.254
0068_05	2000 ppm	Week : 13	15.8	30	53	0.078
0069_05	2000 ppm	Week : 13	15.9	30.4	52	0
0070_05	2000 ppm	Week : 13	15.6	29	54	0.088
0071_05	2000 ppm	Day : 5	19.1	32.1	59	0.136
0071_05	2000 ppm	Day : 21	15.9	31.9	50	0.164
0072_05	2000 ppm	Day : 5	19.4	32.8	59	0.243
0072_05	2000 ppm	Day : 21	17.2	31.5	55	0.09
0073_05	2000 ppm	Day : 5	19.4	33.2	59	0
0073_05	2000 ppm	Day : 21	16.6	31.4	53	0
0074_05	2000 ppm	Day : 5	20.3	34.6	59	0.144
0074_05	2000 ppm	Day : 21	17.5	31.7	55	0.154

## MALE

Animal No.	Dose	Time In Study	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL
0075_05	2000 ppm	Day : 5	19.9	33.7	59	0
0075_05	2000 ppm	Day : 21				
0076_05	2000 ppm	Day : 5	19.5	34.2	57	0.219
0076_05	2000 ppm	Day : 21	16.5	30.2	55	0.077
0077_05	2000 ppm	Day : 5	19.3	32.6	59	0.066
0077_05	2000 ppm	Day : 21	17.1	30.7	56	0.035
0078_05	2000 ppm	Day : 5	19.4	32.1	60	0.152
0078_05	2000 ppm	Day : 21	16.9	31.7	53	0
0079_05	2000 ppm	Day : 5	19.9	32.8	61	0.146
0079_05	2000 ppm	Day : 21	17.5	31.6	56	0.219
0080_05	2000 ppm	Day : 5	19.4	32.2	60	0.162
0080_05	2000 ppm	Day : 21	18	30.9	58	0.089
0081_05	4000 ppm	Week : 13	15.1	29.3	52	0.105
0082_05	4000 ppm	Week : 13	14.6	29.7	49	0
0083_05	4000 ppm	Week : 13	13.7	29.6	46	0
0084_05	4000 ppm	Week : 13	14.9	29.8	50	0.079
0085_05	4000 ppm	Week : 13	15.6	30.3	52	0
0086_05	4000 ppm	Week : 13	15.2	30	51	0.079
0087_05	4000 ppm	Week : 13	15.3	29.7	52	0.148
0088_05	4000 ppm	Week : 13	14.7	29.2	50	0.192
0089_05	4000 ppm	Week : 13	15.1	29.7	51	0.103



## MALE

Animal No.	Dose	Time In Study	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL
0090_05	4000 ppm	Week : 13	11.1	31.5	35	0
0091_05	4000 ppm	Day : 5	19.6	34.4	57	0.04
0091_05	4000 ppm	Day : 21	13.9	31.5	44	0
0092_05	4000 ppm	Day : 5	19.3	33.5	58	0.056
0092_05	4000 ppm	Day : 21	14.4	32.4	45	0.243
0093_05	4000 ppm	Day : 5	18.7	32.2	58	0
0093_05	4000 ppm	Day : 21	16.2	31.6	51	0
0094_05	4000 ppm	Day : 5	19.1	32.6	59	0.279
0094_05	4000 ppm	Day : 21	14	33	42	0.216
0095_05	4000 ppm	Day : 5	20	33.7	59	0.168
0095_05	4000 ppm	Day : 21	16.9	31.9	53	0.136
0096_05	4000 ppm	Day : 5	19.2	32.6	59	0.067
0096_05	4000 ppm	Day : 21	14.7	33.3	44	0.16
0097_05	4000 ppm	Day : 5	18.8	32.1	59	0.134
0097_05	4000 ppm	Day : 21	14	32.7	43	0.246
0098_05	4000 ppm	Day : 5	18.7	32.6	57	0.087
0098_05	4000 ppm	Day : 21	14.1	32.4	44	0.091
0099_05	4000 ppm	Day : 5	19.7	34.2	58	0.099
0099_05	4000 ppm	Day : 21	16.8	31.6	53	0.171
0100_05	4000 ppm	Day : 5	19.2	33.2	58	0.075
0100_05	4000 ppm	Day : 21	14.7	33	45	0.069

## MALE

Animal No.	Dose	Time In Study	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL
0101_05	8000 ppm	Week : 13	14.8	29.8	49	0.111
0102_05	8000 ppm	Week : 13	10.1	33.2	31	0.25
0103_05	8000 ppm	Week : 13	13.7	29.9	46	0.186
0104_05	8000 ppm	Week : 13	12.3	29.8	41	0
0105_05	8000 ppm	Week : 13	14.3	30.9	46	0.11
0106_05	8000 ppm	Week : 13	12.5	30.3	41	0.237
0107_05	8000 ppm	Week : 13	12.8	29.6	43	0.194
0108_05	8000 ppm	Week : 13	13.2	30	44	0
0109_05	8000 ppm	Week : 13	13.9	29.1	48	0
0110_05	8000 ppm	Week : 13	10.2	31.7	32	0
0111_05	8000 ppm	Day : 5	19	32.7	58	0.196
0111_05	8000 ppm	Day : 21	14	34.4	41	0
0112_05	8000 ppm	Day : 5	19.6	33.5	59	0.183
0112_05	8000 ppm	Day : 21	14.2	32	44	0.196
0113_05	8000 ppm	Day : 5	19	33.3	57	0.074
0113_05	8000 ppm	Day : 21	14.6	30.2	48	0.288
0114_05	8000 ppm	Day : 5	19.1	33.6	57	0.222
0114_05	8000 ppm	Day : 21	14.9	31.3	48	0.112
0115_05	8000 ppm	Day : 5	19.1	33.1	58	0.049
0115_05	8000 ppm	Day : 21	14.5	31.6	46	0.108
0116_05	8000 ppm	Day : 5	19.5	34.4	57	0.192

Experiment Number: 05206-05

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:47:18

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL
0116_05	8000 ppm	Day : 21	14.6	31.6	46	0.126
0117_05	8000 ppm	Day : 5	18.8	32.4	58	0.098
0117_05	8000 ppm	Day : 21	13.9	32.2	43	0.056
0118_05	8000 ppm	Day : 5	18.5	32	58	0.264
0118_05	8000 ppm	Day : 21	14.6	32	46	0.164
0119_05	8000 ppm	Day : 5	19.1	32.6	58	0.17
0119_05	8000 ppm	Day : 21	14.2	32.7	43	0
0120_05	8000 ppm	Day : 5	19.3	33.1	58	0.164
0120_05	8000 ppm	Day : 21	15	31.5	47	0.202

## MALE

Animal No.	Dose	Time In Study	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL
0001_05	0 ppm	Week : 13	0	605	8.84	0.1326
0002_05	0 ppm	Week : 13	0	594	8.94	0.1967
0003_05	0 ppm	Week : 13	0	633	8.89	0.0978
0004_05	0 ppm	Week : 13	0	773	8.57	0.1885
0005_05	0 ppm	Week : 13	0	643	8.73	0.1048
0006_05	0 ppm	Week : 13	0	631	9.16	0.1924
0007_05	0 ppm	Week : 13	0	566	8.95	0.1253
0008_05	0 ppm	Week : 13	0	641	9.28	0.1485
0009_05	0 ppm	Week : 13	0	585	8.85	0.1416
0010_05	0 ppm	Week : 13	0	645	8.59	0.189
0011_05	0 ppm	Day : 21	0	677	8.17	0.1961
0012_05	0 ppm	Day : 5	0	854	6.28	0.5024
0012_05	0 ppm	Day : 21	0	717	7.47	0.1643
0013_05	0 ppm	Day : 5	0.08	877	7.17	0.4159
0013_05	0 ppm	Day : 21	0	675	8.36	0.117
0014_05	0 ppm	Day : 5	0.112	862	6.97	0.3346
0014_05	0 ppm	Day : 21	0	746	7.93	0.1665
0015_05	0 ppm	Day : 5	0	848	6.52	0.489
0015_05	0 ppm	Day : 21	0	768	7.93	0.1824
0016_05	0 ppm	Day : 5	0.062	775	6.63	0.5304
0016_05	0 ppm	Day : 21	0	803	7.64	0.3209
0017_05	0 ppm	Day : 5	0.061	843	6.65	0.5586

## MALE

Animal No.	Dose	Time In Study	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL
0017_05	0 ppm	Day : 21	0	767	7.77	0.1942
0018_05	0 ppm	Day : 5	0.049	798	6.35	0.4889
0018_05	0 ppm	Day : 21	0	725	7.72	0.2548
0019_05	0 ppm	Day : 5	0	831	6.18	0.3152
0019_05	0 ppm	Day : 21	0	682	7.92	0.1346
0020_05	0 ppm	Day : 5	0.066	838	6.67	0.4482
0020_05	0 ppm	Day : 21	0	790	7.94	0.2144
0021_05	500 ppm	Week : 13	0.096	694	8.39	0.2517
0022_05	500 ppm	Week : 13	0.076	756	8.66	0.2858
0023_05	500 ppm	Week : 13	0	829	8.14	0.2523
0024_05	500 ppm	Week : 13	0	887	8.16	0.2611
0025_05	500 ppm	Week : 13	0	843	8.41	0.2018
0026_05	500 ppm	Week : 13	0	778	8.99	0.1888
0027_05	500 ppm	Week : 13	0	512	8.94	0.1162
0028_05	500 ppm	Week : 13	0.091	643	8.75	0.1575
0029_05	500 ppm	Week : 13	0	609	8.98	0.1706
0030_05	500 ppm	Week : 13	0	573	9.03	0.1174
0031_05	500 ppm	Day : 5	0.048	840	6.78	0.461
0031_05	500 ppm	Day : 21	0.07	860	8.27	0.2068
0032_05	500 ppm	Day : 5	0.023	807	6.59	0.3559
0032_05	500 ppm	Day : 21	0	726	7.93	0.2458
0033_05	500 ppm	Day : 5	0.059	857	6.16	0.425

## MALE

Animal No.	Dose	Time In Study	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL
0033_05	500 ppm	Day : 5	0.059	857	6.16	0.425
0033_05	500 ppm	Day : 21	0.054	809	7.6	0.266
0034_05	500 ppm	Day : 5	0	911	6.7	0.4556
0034_05	500 ppm	Day : 21	0	750	8	0.224
0035_05	500 ppm	Day : 5	0	890	6.72	0.457
0035_05	500 ppm	Day : 21	0	797	7.87	0.1731
0036_05	500 ppm	Day : 5	0.077	873	6.67	0.4402
0036_05	500 ppm	Day : 21	0	750	7.94	0.2064
0038_05	500 ppm	Day : 5	0.055	839	6.56	0.4723
0038_05	500 ppm	Day : 21	0	841	8.06	0.2096
0039_05	500 ppm	Day : 5	0.054	875	6.68	0.5544
0039_05	500 ppm	Day : 21	0.051	747	8.01	0.1201
0040_05	500 ppm	Day : 5	0.056	883	6.76	0.3177
0040_05	500 ppm	Day : 21	0.054	695	8.32	0.1248
0041_05	1000 ppm	Week : 13	0.105	713	8.77	0.1754
0042_05	1000 ppm	Week : 13	0	584	9.04	0.1175
0043_05	1000 ppm	Week : 13	0	690	9.13	0.2374
0044_05	1000 ppm	Week : 13	0	633	8.66	0.1299
0045_05	1000 ppm	Week : 13	0.152	625	8.7	0.1653
0046_05	1000 ppm	Week : 13	0.15	727	8.87	0.2306
0047_05	1000 ppm	Week : 13	0	625	8.79	0.1494
0048_05	1000 ppm	Week : 13	0	661	8.73	0.1833

Experiment Number: 05206-05

## P44: Hematology Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 11:47:18

First Dose M/F: NA / NA

Lab: NA

## MALE

Animal No.	Dose	Time In Study	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL
0049_05	1000 ppm	Week : 13	0	630	8.8	0.1848
0050_05	1000 ppm	Week : 13	0	608	8.87	0.1508
0051_05	1000 ppm	Day : 5	0	845	6.69	0.4148
0051_05	1000 ppm	Day : 21	0	629	7.94	0.1429
0052_05	1000 ppm	Day : 5	0	831	6.33	0.5191
0052_05	1000 ppm	Day : 21	0	745	7.95	0.1749
0053_05	1000 ppm	Day : 5	0.072	900	6.55	0.3603
0053_05	1000 ppm	Day : 21	0	805	7.77	0.1942
0054_05	1000 ppm	Day : 5	0.186	948	6.57	0.3351
0054_05	1000 ppm	Day : 21	0	938	8.13	0.1789
0055_05	1000 ppm	Day : 5	0.055	901	7.19	0.4458
0055_05	1000 ppm	Day : 21	0	758	8.41	0.1346
0056_05	1000 ppm	Day : 5	0	822	6.51	0.4297
0056_05	1000 ppm	Day : 21	0	675	8.13	0.2358
0057_05	1000 ppm	Day : 5	0.059	864	6.38	0.5423
0057_05	1000 ppm	Day : 21	0	778	7.74	0.2864
0058_05	1000 ppm	Day : 5	0.03	845	6.36	0.4325
0058_05	1000 ppm	Day : 21	0.062	763	7.5	0.3075
0059_05	1000 ppm	Day : 5	0	900	6.74	0.337
0059_05	1000 ppm	Day : 21	0	875	8.19	0.172
0060_05	1000 ppm	Day : 5	0.081	992	6.88	0.344
0060_05	1000 ppm	Day : 21	0	800	8.23	0.1893

## MALE

Animal No.	Dose	Time In Study	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL
0060_05	1000 ppm	Day : 21	0	800	8.23	0.1893
0061_05	2000 ppm	Week : 13	0	644	9.33	0.1866
0062_05	2000 ppm	Week : 13	0	561	8.72	0.1221
0063_05	2000 ppm	Week : 13	0	662	8.78	0.1141
0064_05	2000 ppm	Week : 13	0	633	9.19	0.1195
0065_05	2000 ppm	Week : 13	0	613	9.17	0.1284
0066_05	2000 ppm	Week : 13	0	638	9.17	0.2659
0067_05	2000 ppm	Week : 13	0	581	9.16	0.1282
0068_05	2000 ppm	Week : 13	0	634	9	0.144
0069_05	2000 ppm	Week : 13	0	633	8.99	0.1438
0070_05	2000 ppm	Week : 13	0	565	9.09	0.1364
0071_05	2000 ppm	Day : 5	0	929	6.59	0.4877
0071_05	2000 ppm	Day : 21	0	962	7.84	0.3058
0072_05	2000 ppm	Day : 5	0	974	6.5	0.455
0072_05	2000 ppm	Day : 21	0	851	8.14	0.2605
0073_05	2000 ppm	Day : 5	0.085	925	6.74	0.2696
0073_05	2000 ppm	Day : 21	0	783	8.77	0.1929
0074_05	2000 ppm	Day : 5	0.144	918	6.41	0.4295
0074_05	2000 ppm	Day : 21	0	841	8.07	0.234
0075_05	2000 ppm	Day : 5	0	912	6.47	0.3494
0075_05	2000 ppm	Day : 21	0			
0076_05	2000 ppm	Day : 5	0.073	988	6.86	0.4253



## MALE

Animal No.	Dose	Time In Study	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL
0076_05	2000 ppm	Day : 21	0	922	8.4	0.2352
0077_05	2000 ppm	Day : 5	0	891	6.53	0.3592
0077_05	2000 ppm	Day : 21	0	799	8.23	0.1728
0078_05	2000 ppm	Day : 5	0	942	6.55	0.4323
0078_05	2000 ppm	Day : 21	0	942	8	0.184
0079_05	2000 ppm	Day : 5	0.073	976	6.59	0.3822
0079_05	2000 ppm	Day : 21	0	775	8.1	0.3321
0080_05	2000 ppm	Day : 5	0	889	6.54	0.5232
0080_05	2000 ppm	Day : 21	0	832	7.51	0.2704
0081_05	4000 ppm	Week : 13	0.105	756	8.85	0.2301
0082_05	4000 ppm	Week : 13	0	828	8.98	0.1347
0083_05	4000 ppm	Week : 13	0	834	9.42	0.2261
0084_05	4000 ppm	Week : 13	0	752	9.08	0.227
0085_05	4000 ppm	Week : 13	0	690	8.52	0.2215
0086_05	4000 ppm	Week : 13	0	813	9.52	0.1714
0087_05	4000 ppm	Week : 13	0	700	9.15	0.1464
0088_05	4000 ppm	Week : 13	0	649	9.71	0.1748
0089_05	4000 ppm	Week : 13	0	739	8.88	0.1243
0090_05	4000 ppm	Week : 13	0	895	10.18	0.3258
0091_05	4000 ppm	Day : 5	0	969	6.83	0.321
0091_05	4000 ppm	Day : 21	0.063	1095	8.08	0.501
0092_05	4000 ppm	Day : 5	0	978	6.64	0.332

## MALE

Animal No.	Dose	Time In Study	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL
0092_05	4000 ppm	Day : 5	0	978	6.64	0.332
0092_05	4000 ppm	Day : 21	0	1184	7.62	0.3505
0093_05	4000 ppm	Day : 5	0.064	656	7.01	0.3014
0093_05	4000 ppm	Day : 21	0	888	8.46	0.3215
0094_05	4000 ppm	Day : 5	0	1101	6.65	0.4256
0094_05	4000 ppm	Day : 21	0.072	1170	7.16	0.4153
0095_05	4000 ppm	Day : 5	0.084	588	6.54	0.3139
0095_05	4000 ppm	Day : 21	0	882	8.32	0.3827
0096_05	4000 ppm	Day : 5	0	973	6.82	0.3137
0096_05	4000 ppm	Day : 21	0	857	7.53	0.3313
0097_05	4000 ppm	Day : 5	0	941	6.7	0.3551
0097_05	4000 ppm	Day : 21	0	1034	7.78	0.4123
0098_05	4000 ppm	Day : 5	0	1083	7.23	0.4266
0098_05	4000 ppm	Day : 21	0	1253	7.5	0.465
0099_05	4000 ppm	Day : 5	0	960	6.8	0.2788
0099_05	4000 ppm	Day : 21	0	924	7.84	0.2352
0100_05	4000 ppm	Day : 5	0	991	6.84	0.2736
0100_05	4000 ppm	Day : 21	0.069	1039	7.94	0.3811
0101_05	8000 ppm	Week : 13	0	760	9.62	0.2694
0102_05	8000 ppm	Week : 13	0.125	1404	9.67	0.3578
0103_05	8000 ppm	Week : 13	0	787	9.62	0.202
0104_05	8000 ppm	Week : 13	0	953	9.24	0.2864

## MALE

Animal No.	Dose	Time In Study	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL
0105_05	8000 ppm	Week : 13	0.11	842	8.99	0.2967
0106_05	8000 ppm	Week : 13	0	816	9.86	0.2071
0107_05	8000 ppm	Week : 13	0	944	9.67	0.2418
0108_05	8000 ppm	Week : 13	0	1030	9.37	0.2624
0109_05	8000 ppm	Week : 13	0	885	9.29	0.2694
0110_05	8000 ppm	Week : 13	0.094	1163	10.13	0.2634
0111_05	8000 ppm	Day : 5	0.196	1036	7.75	0.1395
0111_05	8000 ppm	Day : 21	0	967	7.07	0.5444
0112_05	8000 ppm	Day : 5	0	981	7.04	0.2253
0112_05	8000 ppm	Day : 21	0	1059	7.76	0.5122
0113_05	8000 ppm	Day : 5	0	1088	7.36	0.2134
0113_05	8000 ppm	Day : 21	0	982	8	0.36
0114_05	8000 ppm	Day : 5	0	1046	7.69	0.2384
0114_05	8000 ppm	Day : 21	0	1182	7.78	0.4123
0115_05	8000 ppm	Day : 5	0	900	7.19	0.2373
0115_05	8000 ppm	Day : 21	0	1136	7.88	0.457
0116_05	8000 ppm	Day : 5	0	931	6.96	0.2784
0116_05	8000 ppm	Day : 21	0.063	901	8.41	0.2523
0117_05	8000 ppm	Day : 5	0	986	7.6	0.19
0117_05	8000 ppm	Day : 21	0	1058	7.86	0.4637
0118_05	8000 ppm	Day : 5	0	1113	8.18	0.1718
0118_05	8000 ppm	Day : 21	0	1044	7.49	0.4119

Experiment Number: 05206-05

Species/Strain: Rat/Fischer 344

**P44: Hematology Data**

Date Report Requested: 10/24/2014

Time Report Requested: 11:47:18

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL
0118_05	8000 ppm	Day : 21	0	1044	7.49	0.4119
0119_05	8000 ppm	Day : 5	0	944	6.98	0.1675
0119_05	8000 ppm	Day : 21	0	1110	6.2	0.4216
0120_05	8000 ppm	Day : 5	0	1065	7.32	0.3074
0120_05	8000 ppm	Day : 21	0	956	8.22	0.2713

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**MALE**

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Animal No.	Dose	Time In Study	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0001_05	0 ppm	Week : 13	1.64	8.2
0002_05	0 ppm	Week : 13	3.3*	11
0003_05	0 ppm	Week : 13	1.264	7.9
0004_05	0 ppm	Week : 13	1.485	9.9
0005_05	0 ppm	Week : 13	1.095	7.3
0006_05	0 ppm	Week : 13	1.32	8.8
0007_05	0 ppm	Week : 13	1.408	6.4
0008_05	0 ppm	Week : 13	1.617	7.7
0009_05	0 ppm	Week : 13	1.246	8.9
0010_05	0 ppm	Week : 13	1.326	7.8
0011_05	0 ppm	Day : 21	0.768	6.4
0012_05	0 ppm	Day : 5	0.594	5.4
0012_05	0 ppm	Day : 21	0.552	6.9
0013_05	0 ppm	Day : 5	0.8	8
0013_05	0 ppm	Day : 21	0.56	4
0014_05	0 ppm	Day : 5	0.84	5.6
0014_05	0 ppm	Day : 21	0.39	3.9
0015_05	0 ppm	Day : 5	1.501	7.9
0015_05	0 ppm	Day : 21	0.71	7.1
0016_05	0 ppm	Day : 5	0.465	3.1
0016_05	0 ppm	Day : 21	0.828	6.9
0017_05	0 ppm	Day : 5	0.671	6.1

Experiment Number: 05206-05

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:47:18

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0017_05	0 ppm	Day : 21	0.355	7.1
0018_05	0 ppm	Day : 5	0.931	4.9
0018_05	0 ppm	Day : 21	0.756	6.3
0019_05	0 ppm	Day : 5	0.522	5.8
0019_05	0 ppm	Day : 21	0.47	4.7
0020_05	0 ppm	Day : 5	0.858	6.6
0020_05	0 ppm	Day : 21	0.738	8.2
0021_05	500 ppm	Week : 13	1.92	9.6
0022_05	500 ppm	Week : 13	1.368	7.6
0023_05	500 ppm	Week : 13	1.66	8.3
0024_05	500 ppm	Week : 13	2.175	8.7
0025_05	500 ppm	Week : 13	1.349	7.1
0026_05	500 ppm	Week : 13	2.484	9.2
0027_05	500 ppm	Week : 13	0.825	5.5
0028_05	500 ppm	Week : 13	1.001	9.1
0029_05	500 ppm	Week : 13	1.577	8.3
0030_05	500 ppm	Week : 13	1.4	7
0031_05	500 ppm	Day : 5	0.288	4.8
0031_05	500 ppm	Day : 21	0.49	7
0032_05	500 ppm	Day : 5	0.276	2.3
0032_05	500 ppm	Day : 21	0.58	5.8
0033_05	500 ppm	Day : 5	0.53	5.9

Experiment Number: 05206-05

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:47:18

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0033_05	500 ppm	Day : 5	0.53	5.9
0033_05	500 ppm	Day : 21	0.648	5.4
0034_05	500 ppm	Day : 5	0.871	6.7
0034_05	500 ppm	Day : 21	0.759	6.9
0035_05	500 ppm	Day : 5	0.583	5.3
0035_05	500 ppm	Day : 21	0.689	5.3
0036_05	500 ppm	Day : 5	0.847	7.7
0036_05	500 ppm	Day : 21	0.656	8.2
0038_05	500 ppm	Day : 5	0.44	5.5
0038_05	500 ppm	Day : 21	0.516	8.6
0039_05	500 ppm	Day : 5	0.756	5.4
0039_05	500 ppm	Day : 21	0.459	5.1
0040_05	500 ppm	Day : 5	0.84	5.6
0040_05	500 ppm	Day : 21	0.81	5.4
0041_05	1000 ppm	Week : 13	1.89	10.5
0042_05	1000 ppm	Week : 13	1.386	9.9
0043_05	1000 ppm	Week : 13	1.386	9.9
0044_05	1000 ppm	Week : 13	0.832	6.4
0045_05	1000 ppm	Week : 13	1.216	7.6
0046_05	1000 ppm	Week : 13	1.125	7.5
0047_05	1000 ppm	Week : 13	1.248	9.6
0048_05	1000 ppm	Week : 13	1.275	7.5

Experiment Number: 05206-05

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:47:18

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0049_05	1000 ppm	Week : 13	1.066	8.2
0050_05	1000 ppm	Week : 13	1.12	7
0051_05	1000 ppm	Day : 5	0.595	3.5
0051_05	1000 ppm	Day : 21	0.588	4.9
0052_05	1000 ppm	Day : 5	0.975	7.5
0052_05	1000 ppm	Day : 21	0.66	6.6
0053_05	1000 ppm	Day : 5	1.08	7.2
0053_05	1000 ppm	Day : 21	0.432	5.4
0054_05	1000 ppm	Day : 5	1.023	9.3
0054_05	1000 ppm	Day : 21	0.436	10.9
0055_05	1000 ppm	Day : 5	0.385	5.5
0055_05	1000 ppm	Day : 21	0.27	5.4
0056_05	1000 ppm	Day : 5	0.884	5.2
0056_05	1000 ppm	Day : 21	0.869	7.9
0057_05	1000 ppm	Day : 5	0.649	5.9
0057_05	1000 ppm	Day : 21	0.392	5.6
0058_05	1000 ppm	Day : 5	0.42	3
0058_05	1000 ppm	Day : 21	0.744	6.2
0059_05	1000 ppm	Day : 5	1.105	6.5
0059_05	1000 ppm	Day : 21	0.483	6.9
0060_05	1000 ppm	Day : 5	1.701	8.1
0060_05	1000 ppm	Day : 21	0.728	9.1



Experiment Number: 05206-05

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:47:18

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0060_05	1000 ppm	Day : 21	0.728	9.1
0061_05	2000 ppm	Week : 13	1.36	6.8
0062_05	2000 ppm	Week : 13	1.512	7.2
0063_05	2000 ppm	Week : 13	1.2	7.5
0064_05	2000 ppm	Week : 13	0.63	6.3
0065_05	2000 ppm	Week : 13	0.852	7.1
0066_05	2000 ppm	Week : 13	0.779	4.1
0067_05	2000 ppm	Week : 13	2.286	12.7
0068_05	2000 ppm	Week : 13	2.028	7.8
0069_05	2000 ppm	Week : 13	4.16	10.4
0070_05	2000 ppm	Week : 13	2.464	8.8
0071_05	2000 ppm	Day : 5	0.816	6.8
0071_05	2000 ppm	Day : 21	0.574	8.2
0072_05	2000 ppm	Day : 5	0.729	8.1
0072_05	2000 ppm	Day : 21	0.63	9
0073_05	2000 ppm	Day : 5	1.36	8.5
0073_05	2000 ppm	Day : 21	0.518	7.4
0074_05	2000 ppm	Day : 5	0.864	7.2
0074_05	2000 ppm	Day : 21	0.231	7.7
0075_05	2000 ppm	Day : 5	0.48	2.4
0075_05	2000 ppm	Day : 21		
0076_05	2000 ppm	Day : 5	0.803	7.3

Experiment Number: 05206-05

Species/Strain: Rat/Fischer 344

**P44: Hematology Data**

Date Report Requested: 10/24/2014

Time Report Requested: 11:47:18

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0076_05	2000 ppm	Day : 21	0.693	7.7
0077_05	2000 ppm	Day : 5	0.429	3.3
0077_05	2000 ppm	Day : 21	0.525	3.5
0078_05	2000 ppm	Day : 5	0.912	7.6
0078_05	2000 ppm	Day : 21	0.88	8
0079_05	2000 ppm	Day : 5	0.949	7.3
0079_05	2000 ppm	Day : 21	0.657	7.3
0080_05	2000 ppm	Day : 5	0.54	5.4
0080_05	2000 ppm	Day : 21	1.068	8.9
0081_05	4000 ppm	Week : 13	2.52	10.5
0082_05	4000 ppm	Week : 13	1.615	9.5
0083_05	4000 ppm	Week : 13	2.02	10.1
0084_05	4000 ppm	Week : 13	1.422	7.9
0085_05	4000 ppm	Week : 13	1.365	10.5
0086_05	4000 ppm	Week : 13	1.738	7.9
0087_05	4000 ppm	Week : 13	1.184	7.4
0088_05	4000 ppm	Week : 13	1.536	9.6
0089_05	4000 ppm	Week : 13	1.236	10.3
0090_05	4000 ppm	Week : 13	1.185	7.9
0091_05	4000 ppm	Day : 5	0.64	4
0091_05	4000 ppm	Day : 21	0.756	6.3
0092_05	4000 ppm	Day : 5	0.84	5.6

Experiment Number: 05206-05

Species/Strain: Rat/Fischer 344

**P44: Hematology Data**

Date Report Requested: 10/24/2014

Time Report Requested: 11:47:19

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0092_05	4000 ppm	Day : 5	0.84	5.6
0092_05	4000 ppm	Day : 21	0.81	8.1
0093_05	4000 ppm	Day : 5	0.576	6.4
0093_05	4000 ppm	Day : 21	0.749	10.7
0094_05	4000 ppm	Day : 5	0.93	9.3
0094_05	4000 ppm	Day : 21	0.936	7.2
0095_05	4000 ppm	Day : 5	1.176	8.4
0095_05	4000 ppm	Day : 21	0.544	6.8
0096_05	4000 ppm	Day : 5	1.206	6.7
0096_05	4000 ppm	Day : 21	0.8	8
0097_05	4000 ppm	Day : 5	0.603	6.7
0097_05	4000 ppm	Day : 21	0.902	8.2
0098_05	4000 ppm	Day : 5	0.522	8.7
0098_05	4000 ppm	Day : 21	0.728	9.1
0099_05	4000 ppm	Day : 5	0.693	9.9
0099_05	4000 ppm	Day : 21	0.513	5.7
0100_05	4000 ppm	Day : 5	1.05	7.5
0100_05	4000 ppm	Day : 21	0.897	6.9
0101_05	8000 ppm	Week : 13	1.998	11.1
0102_05	8000 ppm	Week : 13	2.125	12.5
0103_05	8000 ppm	Week : 13	2.418	9.3
0104_05	8000 ppm	Week : 13	2.835	10.5

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**MALE**

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Animal No.	Dose	Time In Study	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0105_05	8000 ppm	Week : 13	1.87	11
0106_05	8000 ppm	Week : 13	1.817	7.9
0107_05	8000 ppm	Week : 13	2.522	9.7
0108_05	8000 ppm	Week : 13	2.016	11.2
0109_05	8000 ppm	Week : 13	2.02	10.1
0110_05	8000 ppm	Week : 13	1.786	9.4
0111_05	8000 ppm	Day : 5	1.372	9.8
0111_05	8000 ppm	Day : 21	0.7	10
0112_05	8000 ppm	Day : 5	0.793	6.1
0112_05	8000 ppm	Day : 21	0.588	9.8
0113_05	8000 ppm	Day : 5	0.814	7.4
0113_05	8000 ppm	Day : 21	1.44	9.6
0114_05	8000 ppm	Day : 5	0.814	7.4
0114_05	8000 ppm	Day : 21	0.728	5.6
0115_05	8000 ppm	Day : 5	0.931	4.9
0115_05	8000 ppm	Day : 21	0.432	3.6
0116_05	8000 ppm	Day : 5	0.896	6.4
0116_05	8000 ppm	Day : 21	0.819	6.3
0117_05	8000 ppm	Day : 5	1.176	9.8
0117_05	8000 ppm	Day : 21	0.224	5.6
0118_05	8000 ppm	Day : 5	0.968	8.8
0118_05	8000 ppm	Day : 21	1.066	8.2

Experiment Number: 05206-05

Species/Strain: Rat/Fischer 344

**P44: Hematology Data**

Date Report Requested: 10/24/2014

Time Report Requested: 11:47:19

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0118_05	8000 ppm	Day : 21	1.066	8.2
0119_05	8000 ppm	Day : 5	1.785	8.5
0119_05	8000 ppm	Day : 21	0.869	7.9
0120_05	8000 ppm	Day : 5	1.312	8.2
0120_05	8000 ppm	Day : 21	1.111	10.1

## FEMALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0121_05	0 ppm	Week : 13	0.228	48.5	14.3	6.46
0122_05	0 ppm	Week : 13	0.077	47.6	14.3	5.236
0123_05	0 ppm	Week : 13	0	47.6	14.1	6.786
0124_05	0 ppm	Week : 13	0.225	49.5	15	6.075
0125_05	0 ppm	Week : 13	0	49.9	14.4	6.885
0126_05	0 ppm	Week : 13	0	46.9	14.3	4.558
0127_05	0 ppm	Week : 13	0.24	46.6	14	7.2
0128_05	0 ppm	Week : 13	0.126	53.2	15.7	7.686
0129_05	0 ppm	Week : 13	0.189	48.3	14.3	4.977
0130_05	0 ppm	Week : 13	0	47.8	14.1	5.865
0131_05	0 ppm	Day : 5	0.074	43.1	13.6	3.293
0131_05	0 ppm	Day : 21	0	48.7	14.8	6.16
0132_05	0 ppm	Day : 5	0.085	45	14.3	6.8
0132_05	0 ppm	Day : 21	0.174	49.9	15.2	7.308
0133_05	0 ppm	Day : 5	0	44.6	14.4	3.48
0133_05	0 ppm	Day : 21	0	50.4	15.5	7.308
0134_05	0 ppm	Day : 5	0.124	42.8	13.7	4.774
0134_05	0 ppm	Day : 21	0.067	50	15.5	6.03
0135_05	0 ppm	Day : 5	0	40.6	13	4.32
0135_05	0 ppm	Day : 21	0	49.9	15.2	5.187
0136_05	0 ppm	Day : 5	0	43.6	13.9	3.185
0136_05	0 ppm	Day : 21	0	48.9	15.1	6.072

## FEMALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0137_05	0 ppm	Day : 5	0	43.5	14.2	5.544
0137_05	0 ppm	Day : 21	0.065	49.3	14.9	5.59
0138_05	0 ppm	Day : 5	0	41.3	13.3	2.511
0138_05	0 ppm	Day : 21	0	46.8	14.7	4.324
0139_05	0 ppm	Day : 5	0	46	14.5	8.648
0139_05	0 ppm	Day : 21	0.06	49.6	15.6	5.46
0140_05	0 ppm	Day : 5	0	42.2	13.9	4.752
0140_05	0 ppm	Day : 21				
0141_05	500 ppm	Week : 13	0.075	46.1	14.2	6.15
0142_05	500 ppm	Week : 13	0.063	48.1	14.4	5.166
0143_05	500 ppm	Week : 13	0.08	48.1	14.4	6.72
0144_05	500 ppm	Week : 13	0.076	47.4	14.1	5.396
0145_05	500 ppm	Week : 13	0.144	46.2	13.6	5.184
0146_05	500 ppm	Week : 13	0.078	47.8	14.3	6.552
0147_05	500 ppm	Week : 13	0	45.1	12.8	5.55
0148_05	500 ppm	Week : 13	0.077	46.7	14.1	6.853
0149_05	500 ppm	Week : 13	0.066	44.9	14	4.686
0150_05	500 ppm	Week : 13	0.288	46.5	13.9	5.256
0151_05	500 ppm	Day : 5	0.069	42.7	13.8	5.658
0151_05	500 ppm	Day : 21	0.073	49.9	15.6	6.57
0152_05	500 ppm	Day : 21	0	49.7	15.4	4.42
0153_05	500 ppm	Day : 5	0	42.5	14	5.658

## FEMALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0153_05	500 ppm	Day : 5	0	42.5	14	5.658
0153_05	500 ppm	Day : 21	0.132	48.5	15.3	6.006
0154_05	500 ppm	Day : 5	0	41.1	13.5	5.727
0155_05	500 ppm	Day : 5	0	45.2	14.2	6.279
0155_05	500 ppm	Day : 21	0.186	50.8	15.6	5.456
0156_05	500 ppm	Day : 5	0.105	42	13.8	2.73
0157_05	500 ppm	Day : 5	0.039	42.7	14	3.237
0157_05	500 ppm	Day : 21	0.05	49.8	15.5	4.25
0158_05	500 ppm	Day : 5	0	44.9	14.2	6.497
0158_05	500 ppm	Day : 21	0	50.8	15.3	8.096
0159_05	500 ppm	Day : 5	0	42.1	13.9	2.064
0159_05	500 ppm	Day : 21	0	48.7	15	7.452
0160_05	500 ppm	Day : 5	0	42.2	13.4	2.686
0160_05	500 ppm	Day : 21	0	48.1	15	7.128
0161_05	1000 ppm	Week : 13	0.104	46.9	14.4	4.004
0162_05	1000 ppm	Week : 13	0.076	49.2	14.8	6.688
0163_05	1000 ppm	Week : 13	0.092	50.5	14.7	3.312
0164_05	1000 ppm	Week : 13	0	45.6	13.4	5.04
0165_05	1000 ppm	Week : 13	0.047	47.5	14.7	3.948
0166_05	1000 ppm	Week : 13	0.07	47.7	14.5	5.39
0167_05	1000 ppm	Week : 13				
0168_05	1000 ppm	Week : 13	0.067	47.2	14.5	5.896



## FEMALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0169_05	1000 ppm	Week : 13	0.061	48.1	14.2	4.27
0170_05	1000 ppm	Week : 13	0.156	48.2	14.6	6.63
0171_05	1000 ppm	Day : 5	0.046	42.1	13.5	4.14
0171_05	1000 ppm	Day : 21	0.047	48.3	15	4.183
0172_05	1000 ppm	Day : 5	0.044	40.8	12.9	3.564
0172_05	1000 ppm	Day : 21	0.134	47.3	14.5	5.762
0173_05	1000 ppm	Day : 5	0	40.8	13.6	4.316
0173_05	1000 ppm	Day : 21	0.069	47.6	14.7	6.21
0174_05	1000 ppm	Day : 5	0	40.8	13.6	3.185
0174_05	1000 ppm	Day : 21	0.174	50.4	15.1	5.104
0175_05	1000 ppm	Day : 5	0.038	40.7	13.2	3.04
0175_05	1000 ppm	Day : 21	0.035	47.5	14.6	3.15
0176_05	1000 ppm	Day : 5	0	46	14.7	4.346
0176_05	1000 ppm	Day : 21	0.09	48.7	15.2	7.47
0177_05	1000 ppm	Day : 5	0	45.6	14.4	4.93
0177_05	1000 ppm	Day : 21	0	48.2	15	5.733
0178_05	1000 ppm	Day : 5	0.073	42.8	13.7	5.787
0178_05	1000 ppm	Day : 21	0.065	48.1	14.9	5.785
0179_05	1000 ppm	Day : 5	0	41.9	13.7	5.59
0179_05	1000 ppm	Day : 21	0.078	48.8	14.7	6.552
0180_05	1000 ppm	Day : 5	0.074	42.9	13.8	6.438
0180_05	1000 ppm	Day : 21	0	49	15.4	7.826

## FEMALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0180_05	1000 ppm	Day : 21	0	49	15.4	7.826
0181_05	2000 ppm	Week : 13	0.132	47	14	4.29
0182_05	2000 ppm	Week : 13	0	48.5	14.4	5.04
0183_05	2000 ppm	Week : 13	0.074	46.2	14.2	5.846
0184_05	2000 ppm	Week : 13	0.076	49.2	14.4	5.928
0185_05	2000 ppm	Week : 13	0.069	46	14.4	5.382
0186_05	2000 ppm	Week : 13	0	48.9	14.3	6.192
0187_05	2000 ppm	Week : 13	0	46.7	13.7	6.048
0188_05	2000 ppm	Week : 13	0	48.9	14.6	5.22
0189_05	2000 ppm	Week : 13	0	49.7	14.4	7.216
0190_05	2000 ppm	Week : 13	0	47.6	13.9	6.364
0191_05	2000 ppm	Day : 5	0	42	13.4	4.816
0191_05	2000 ppm	Day : 21	0.213	44.9	14	6.248
0192_05	2000 ppm	Day : 5	0.072	41.3	13.5	6.192
0193_05	2000 ppm	Day : 5	0	43.7	13.8	3.315
0193_05	2000 ppm	Day : 21	0.054	47.3	14.4	4.86
0194_05	2000 ppm	Day : 5	0.047	41.2	13.4	4.23
0194_05	2000 ppm	Day : 21	0.075	46.1	13.9	6.75
0195_05	2000 ppm	Day : 5	0.055	43	14.2	4.785
0195_05	2000 ppm	Day : 21	0.086	46.9	14.6	7.826
0196_05	2000 ppm	Day : 5	0.072	40.7	13.4	2.988
0196_05	2000 ppm	Day : 21	0.078	48.3	14.6	7.098

Experiment Number: 05206-05

P44: Hematology Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 11:47:19

First Dose M/F: NA / NA

Lab: NA

## FEMALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0197_05	2000 ppm	Day : 5	0.077	43.6	14.1	7.007
0197_05	2000 ppm	Day : 21	0.069	48	14.8	6.003
0198_05	2000 ppm	Day : 5	0	41.8	13.5	4.816
0198_05	2000 ppm	Day : 21	0	48.1	14.6	7.656
0199_05	2000 ppm	Day : 5	0.057	41.1	13.3	4.674
0199_05	2000 ppm	Day : 21	0	47.5	14.6	7.238
0200_05	2000 ppm	Day : 5	0	43.5	13.8	3.276
0200_05	2000 ppm	Day : 21	0	49.3	15.1	8.556
0201_05	4000 ppm	Week : 13	0	48.1	14.3	7.138
0202_05	4000 ppm	Week : 13	0.07	50.4	15	5.95
0203_05	4000 ppm	Week : 13	0	51.4	15.3	7.056
0204_05	4000 ppm	Week : 13	0.081	47.5	14.7	6.885
0205_05	4000 ppm	Week : 13	0	48.9	14.2	8.091
0206_05	4000 ppm	Week : 13	0.276	47.3	14.5	7.176
0207_05	4000 ppm	Week : 13	0.216	48.1	13.9	5.976
0208_05	4000 ppm	Week : 13	0.156	45.2	13.5	6.162
0209_05	4000 ppm	Week : 13	0.184	44.3	13.4	7.544
0210_05	4000 ppm	Week : 13	0.246	45.3	13.4	6.56
0211_05	4000 ppm	Day : 5	0.096	44.1	14	8.544
0211_05	4000 ppm	Day : 21	0.068	44.7	14	6.188
0212_05	4000 ppm	Day : 5	0	45.4	14.5	3.784
0212_05	4000 ppm	Day : 21	0	46.9	14.5	7.744

## FEMALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0212_05	4000 ppm	Day : 21	0	46.9	14.5	7.744
0213_05	4000 ppm	Day : 5	0	43.8	14.2	5.46
0213_05	4000 ppm	Day : 21	0.148	38.2	12	6.438
0214_05	4000 ppm	Day : 5	0	43.1	14	4.459
0214_05	4000 ppm	Day : 21	0	43.3	13.6	5.31
0215_05	4000 ppm	Day : 5	0.138	42.5	13.6	5.865
0215_05	4000 ppm	Day : 21	0	44.5	13.7	6.29
0216_05	4000 ppm	Day : 5	0	43.9	13.9	4.664
0216_05	4000 ppm	Day : 21	0	39.8	12.8	6.561
0217_05	4000 ppm	Day : 5	0.116	42.6	14	4.814
0217_05	4000 ppm	Day : 21	0.061	46.7	14	5.429
0218_05	4000 ppm	Day : 5	0	45.1	14.8	6.552
0218_05	4000 ppm	Day : 21	0	43	13.5	8.742
0219_05	4000 ppm	Day : 21	0	44.7	14	5.31
0220_05	4000 ppm	Day : 5	0	44.9	14.5	7.308
0220_05	4000 ppm	Day : 21	0.124	37.5	11.8	5.146
0221_05	8000 ppm	Week : 13	0.232	38	11.3	9.512
0222_05	8000 ppm	Week : 13	0.086	46.4	14	7.138
0223_05	8000 ppm	Week : 13	0.091	46	14	7.462
0224_05	8000 ppm	Week : 13	0	46.5	13.9	7.396
0225_05	8000 ppm	Week : 13	0.122	41.4	12.8	9.882
0226_05	8000 ppm	Week : 13	0.096	46.4	14	8.256

## FEMALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0227_05	8000 ppm	Week : 13	0.102	39.7	11.7	8.874
0228_05	8000 ppm	Week : 13	0.101	46	14	7.878
0229_05	8000 ppm	Week : 13	0.116	42.6	12.5	9.976
0230_05	8000 ppm	Week : 13	0.072	46.2	13.5	5.904
0231_05	8000 ppm	Day : 5	0	43.6	14.1	4.233
0231_05	8000 ppm	Day : 21	0	32.9	10.8	9.9
0232_05	8000 ppm	Day : 5	0.1	45.7	14.7	4.25
0232_05	8000 ppm	Day : 21	0	44.4	13.8	4.756
0233_05	8000 ppm	Day : 5	0.083	45.8	14.8	6.806
0233_05	8000 ppm	Day : 21	0.068	46	14.5	5.304
0234_05	8000 ppm	Day : 5	0	45.3	14.7	5.162
0234_05	8000 ppm	Day : 21	0.099	43.5	13.4	8.91
0235_05	8000 ppm	Day : 5	0	45.8	14.8	8.772
0235_05	8000 ppm	Day : 21	0	44.5	13.9	6.674
0236_05	8000 ppm	Day : 5	0.094	45.3	14.5	3.619
0236_05	8000 ppm	Day : 21	0.068	40.8	13.3	6.256
0237_05	8000 ppm	Day : 5	0	44.7	14.7	5.832
0237_05	8000 ppm	Day : 21	0.138	45.6	14.1	5.796
0238_05	8000 ppm	Day : 5	0	43.7	14.1	4.55
0238_05	8000 ppm	Day : 21	0	41.4	13.5	7.644
0239_05	8000 ppm	Day : 5	0.156	44.9	15	6.864
0239_05	8000 ppm	Day : 21	0.074	37.1	11.7	6.734

Experiment Number: 05206-05

Species/Strain: Rat/Fischer 344

**P44: Hematology Data**

Date Report Requested: 10/24/2014

Time Report Requested: 11:47:20

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0239_05	8000 ppm	Day : 21	0.074	37.1	11.7	6.734
0240_05	8000 ppm	Day : 5	0.043	44.3	14.6	3.569
0240_05	8000 ppm	Day : 21	0	35.9	11.5	4.806

## FEMALE

Animal No.	Dose	Time In Study	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL
0121_05	0 ppm	Week : 13	17.2	29.5	58	0.076
0122_05	0 ppm	Week : 13	17.1	30	57	0
0123_05	0 ppm	Week : 13	17	29.6	57	0
0124_05	0 ppm	Week : 13	17.3	30.3	57	0.075
0125_05	0 ppm	Week : 13	16.9	28.9	59	0
0126_05	0 ppm	Week : 13	17.2	30.5	56	0
0127_05	0 ppm	Week : 13	17.1	30	57	0
0128_05	0 ppm	Week : 13	16.8	29.5	57	0
0129_05	0 ppm	Week : 13	16.9	29.6	57	0
0130_05	0 ppm	Week : 13	16.9	29.5	57	0
0131_05	0 ppm	Day : 5	18.4	31.6	58	0.037
0131_05	0 ppm	Day : 21	18.1	30.4	60	0
0132_05	0 ppm	Day : 5	19.1	31.8	60	0
0132_05	0 ppm	Day : 21	18.2	30.5	60	0.174
0133_05	0 ppm	Day : 5	18.8	32.3	58	0
0133_05	0 ppm	Day : 21	18.1	30.8	59	0.087
0134_05	0 ppm	Day : 5	19.5	32	61	0.124
0134_05	0 ppm	Day : 21	18.7	31	60	0.067
0135_05	0 ppm	Day : 5	19.4	32	61	0.048
0135_05	0 ppm	Day : 21	18.4	30.5	60	0.057
0136_05	0 ppm	Day : 5	19	31.9	60	0

## FEMALE

Animal No.	Dose	Time In Study	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL
0136_05	0 ppm	Day : 21	18.2	30.9	59	0
0137_05	0 ppm	Day : 5	19.2	32.6	59	0.063
0137_05	0 ppm	Day : 21	17.8	30.2	59	0.065
0138_05	0 ppm	Day : 5	19.9	32.2	62	0
0138_05	0 ppm	Day : 21	19.3	31.4	62	0
0139_05	0 ppm	Day : 5	18.5	31.5	59	0.094
0139_05	0 ppm	Day : 21	18.4	31.5	58	0
0140_05	0 ppm	Day : 5	19.9	32.9	61	0.054
0140_05	0 ppm	Day : 21				
0141_05	500 ppm	Week : 13	17.6	30.8	57	0.075
0142_05	500 ppm	Week : 13	17	29.9	57	0
0143_05	500 ppm	Week : 13	17.3	29.9	58	0.08
0144_05	500 ppm	Week : 13	17.3	29.7	58	0
0145_05	500 ppm	Week : 13	16.8	29.4	57	0.072
0146_05	500 ppm	Week : 13	17.1	29.9	57	0
0147_05	500 ppm	Week : 13	16.5	28.4	58	0
0148_05	500 ppm	Week : 13	17	30.2	56	0.077
0149_05	500 ppm	Week : 13	17.7	31.2	57	0.066
0150_05	500 ppm	Week : 13	17.1	29.9	57	0.072
0151_05	500 ppm	Day : 5	19.5	32.3	60	0.207
0151_05	500 ppm	Day : 21	18.5	31.3	59	0.073



## FEMALE

Animal No.	Dose	Time In Study	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL
0152_05	500 ppm	Day : 21	18.4	31	60	0.104
0153_05	500 ppm	Day : 5	19.4	32.9	59	0.207
0153_05	500 ppm	Day : 21	18.8	31.5	60	0
0154_05	500 ppm	Day : 5	19.8	32.8	60	0
0155_05	500 ppm	Day : 5	18.8	31.4	60	0
0155_05	500 ppm	Day : 21	18.4	30.7	60	0
0156_05	500 ppm	Day : 5	19.5	32.9	59	0.035
0157_05	500 ppm	Day : 5	19.5	32.8	59	0
0157_05	500 ppm	Day : 21	18.3	31.1	59	0.1
0158_05	500 ppm	Day : 5	19.6	31.6	62	0.073
0158_05	500 ppm	Day : 21	18.3	30.1	61	0.184
0159_05	500 ppm	Day : 5	20.1	33	61	0
0159_05	500 ppm	Day : 21	18.7	30.8	61	0.184
0160_05	500 ppm	Day : 5	19.3	31.8	61	0.034
0160_05	500 ppm	Day : 21	18.8	31.2	60	0.081
0161_05	1000 ppm	Week : 13	17	30.7	55	0
0162_05	1000 ppm	Week : 13	17.1	30.1	57	0.076
0163_05	1000 ppm	Week : 13	16.8	29.1	58	0
0164_05	1000 ppm	Week : 13	17	29.4	58	0
0165_05	1000 ppm	Week : 13	17.2	30.9	56	0.047
0166_05	1000 ppm	Week : 13	17.5	30.4	57	0

## FEMALE

Animal No.	Dose	Time In Study	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL
0167_05	1000 ppm	Week : 13				
0168_05	1000 ppm	Week : 13	17.4	30.7	57	0
0169_05	1000 ppm	Week : 13	17.2	29.5	58	0.061
0170_05	1000 ppm	Week : 13	17.2	30.3	57	0.078
0171_05	1000 ppm	Day : 5	19.1	32.1	60	0.046
0171_05	1000 ppm	Day : 21	18.2	31.1	59	0
0172_05	1000 ppm	Day : 5	19.3	31.6	61	0
0172_05	1000 ppm	Day : 21	18.4	30.7	60	0.067
0173_05	1000 ppm	Day : 5	19.6	33.3	59	0.104
0173_05	1000 ppm	Day : 21	18.3	30.9	59	0
0174_05	1000 ppm	Day : 5	19.4	33.3	58	0
0174_05	1000 ppm	Day : 21	17.8	30	60	0
0175_05	1000 ppm	Day : 5	19.8	32.4	61	0.114
0175_05	1000 ppm	Day : 21	18.6	30.7	61	0.105
0176_05	1000 ppm	Day : 5	19	32	60	0.106
0176_05	1000 ppm	Day : 21	18.6	31.2	60	0.18
0177_05	1000 ppm	Day : 5	18.4	31.6	58	0
0177_05	1000 ppm	Day : 21	17.9	31.1	58	0.063
0178_05	1000 ppm	Day : 5	19.5	32	61	0.146
0178_05	1000 ppm	Day : 21	18.6	31	60	0.13
0179_05	1000 ppm	Day : 5	19.8	32.7	61	0

## FEMALE

Animal No.	Dose	Time In Study	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL
0179_05	1000 ppm	Day : 21	18.3	30.1	61	0
0180_05	1000 ppm	Day : 5	19.1	32.2	59	0.074
0180_05	1000 ppm	Day : 21	18.5	31.4	59	0.182
0181_05	2000 ppm	Week : 13	16.9	29.8	57	0
0182_05	2000 ppm	Week : 13	16.7	29.7	56	0
0183_05	2000 ppm	Week : 13	17.2	30.7	56	0
0184_05	2000 ppm	Week : 13	16.8	29.3	57	0
0185_05	2000 ppm	Week : 13	17.1	31.3	55	0.069
0186_05	2000 ppm	Week : 13	16.7	29.2	57	0
0187_05	2000 ppm	Week : 13	16.6	29.3	56	0
0188_05	2000 ppm	Week : 13	16.8	29.9	56	0
0189_05	2000 ppm	Week : 13	16.6	29	57	0
0190_05	2000 ppm	Week : 13	16.4	29.2	56	0
0191_05	2000 ppm	Day : 5	19.2	31.9	60	0.112
0191_05	2000 ppm	Day : 21	17.6	31.2	57	0
0192_05	2000 ppm	Day : 5	19.9	32.7	61	0.072
0193_05	2000 ppm	Day : 5	19	31.6	60	0.039
0193_05	2000 ppm	Day : 21	17.8	30.4	58	0.054
0194_05	2000 ppm	Day : 5	19.4	32.5	60	0.047
0194_05	2000 ppm	Day : 21	17.7	30.2	59	0.075
0195_05	2000 ppm	Day : 5	19.8	33	60	0

## FEMALE

Animal No.	Dose	Time In Study	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL
0195_05	2000 ppm	Day : 21	17.6	31.1	57	0.086
0196_05	2000 ppm	Day : 5	19.7	32.9	60	0
0196_05	2000 ppm	Day : 21	18.4	30.2	61	0.078
0197_05	2000 ppm	Day : 5	19.3	32.3	60	0
0197_05	2000 ppm	Day : 21	17.2	30.8	56	0.207
0198_05	2000 ppm	Day : 5	18.7	32.3	58	0.056
0198_05	2000 ppm	Day : 21	17.9	30.4	59	0.087
0199_05	2000 ppm	Day : 5	19.2	32.4	59	0
0199_05	2000 ppm	Day : 21	18	30.7	59	0
0200_05	2000 ppm	Day : 5	19	31.7	60	0.036
0200_05	2000 ppm	Day : 21	17.6	30.6	57	0
0201_05	4000 ppm	Week : 13	16.9	29.7	57	0.083
0202_05	4000 ppm	Week : 13	16.6	29.8	56	0
0203_05	4000 ppm	Week : 13	17.1	29.8	57	0
0204_05	4000 ppm	Week : 13	17	30.9	55	0.081
0205_05	4000 ppm	Week : 13	16.6	29	57	0
0206_05	4000 ppm	Week : 13	17.1	30.7	56	0.092
0207_05	4000 ppm	Week : 13	16.5	28.9	57	0.072
0208_05	4000 ppm	Week : 13	17	29.9	57	0
0209_05	4000 ppm	Week : 13	16.9	30.2	56	0
0210_05	4000 ppm	Week : 13	16.8	29.6	57	0.082

## FEMALE

Animal No.	Dose	Time In Study	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL
0211_05	4000 ppm	Day : 5	18.5	31.7	58	0
0211_05	4000 ppm	Day : 21	17.1	31.3	55	0.136
0212_05	4000 ppm	Day : 5	18.9	31.9	59	0
0212_05	4000 ppm	Day : 21	16.1	30.9	52	0.176
0213_05	4000 ppm	Day : 5	18.6	32.4	57	0
0213_05	4000 ppm	Day : 21	14.8	31.4	47	0.222
0214_05	4000 ppm	Day : 5	19.5	32.5	60	0.049
0214_05	4000 ppm	Day : 21	16.4	31.4	52	0.059
0215_05	4000 ppm	Day : 5	19.3	32	60	0.069
0215_05	4000 ppm	Day : 21	17.5	30.8	57	0.148
0216_05	4000 ppm	Day : 5	19.3	31.7	61	0.106
0216_05	4000 ppm	Day : 21	15.6	32.2	48	0.162
0217_05	4000 ppm	Day : 5	19.7	32.9	60	0.058
0217_05	4000 ppm	Day : 21	17.3	30	58	0
0218_05	4000 ppm	Day : 5	19	32.8	58	0
0218_05	4000 ppm	Day : 21	15.8	31.4	50	0
0219_05	4000 ppm	Day : 21	16.5	31.3	53	0.118
0220_05	4000 ppm	Day : 5	19.4	32.3	60	0.168
0220_05	4000 ppm	Day : 21	15	31.5	48	0.062
0221_05	8000 ppm	Week : 13	12.6	29.7	42	0
0222_05	8000 ppm	Week : 13	16.6	30.2	55	0

## FEMALE

Animal No.	Dose	Time In Study	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL
0223_05	8000 ppm	Week : 13	17.1	30.4	56	0
0224_05	8000 ppm	Week : 13	16.9	29.9	56	0.086
0225_05	8000 ppm	Week : 13	15	30.9	48	0.122
0226_05	8000 ppm	Week : 13	16.6	30.2	55	0
0227_05	8000 ppm	Week : 13	15.2	29.5	52	0
0228_05	8000 ppm	Week : 13	15.6	30.4	51	0
0229_05	8000 ppm	Week : 13	14.2	29.3	48	0.232
0230_05	8000 ppm	Week : 13	15.3	29.2	52	0.072
0231_05	8000 ppm	Day : 5	19.2	32.3	59	0
0231_05	8000 ppm	Day : 21	14.5	32.8	44	0.11
0232_05	8000 ppm	Day : 5	18.8	32.2	58	0
0232_05	8000 ppm	Day : 21	15.6	31.1	50	0.058
0233_05	8000 ppm	Day : 5	19.3	32.3	60	0.166
0233_05	8000 ppm	Day : 21	17.4	31.5	55	0.272
0234_05	8000 ppm	Day : 5	19	32.5	59	0
0234_05	8000 ppm	Day : 21	15.5	30.8	50	0.198
0235_05	8000 ppm	Day : 5	19.7	32.3	61	0.102
0235_05	8000 ppm	Day : 21	16.4	31.2	53	0.071
0236_05	8000 ppm	Day : 5	18.9	32	59	0.094
0236_05	8000 ppm	Day : 21	15.5	32.6	47	0
0237_05	8000 ppm	Day : 5	19.1	32.9	58	0

Experiment Number: 05206-05

Species/Strain: Rat/Fischer 344

**P44: Hematology Data**

Date Report Requested: 10/24/2014

Time Report Requested: 11:47:20

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL
0237_05	8000 ppm	Day : 21	16.5	30.9	53	0
0238_05	8000 ppm	Day : 5	18.8	32.6	58	0
0238_05	8000 ppm	Day : 21	16	32.6	49	0.168
0239_05	8000 ppm	Day : 5	19.4	33.4	58	0
0239_05	8000 ppm	Day : 21	15.4	31.5	49	0.074
0240_05	8000 ppm	Day : 5	19.2	33	58	0.086
0240_05	8000 ppm	Day : 21	14.9	32	47	0

## FEMALE

Animal No.	Dose	Time In Study	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL
0121_05	0 ppm	Week : 13	0.0832	697	8.32	0.1414
0122_05	0 ppm	Week : 13	0	636	8.36	0.117
0123_05	0 ppm	Week : 13	0.0831	688	8.31	0.1579
0124_05	0 ppm	Week : 13	0	614	8.65	0.1643
0125_05	0 ppm	Week : 13	0	683	8.5	0.153
0126_05	0 ppm	Week : 13	0	622	8.32	0.1082
0127_05	0 ppm	Week : 13	0.0817	866	8.17	0.1226
0128_05	0 ppm	Week : 13	0.0937	731	9.37	0.1218
0129_05	0 ppm	Week : 13	0	715	8.48	0.1102
0130_05	0 ppm	Week : 13	0.1666	753	8.33	0.1333
0131_05	0 ppm	Day : 5	0	777	7.4	0.296
0131_05	0 ppm	Day : 21	0	686	8.18	0.1063
0132_05	0 ppm	Day : 5	0	802	7.49	0.337
0132_05	0 ppm	Day : 21	0	695	8.36	0.1003
0133_05	0 ppm	Day : 5	0.08	856	7.66	0.2911
0133_05	0 ppm	Day : 21	0	729	8.58	0.0686
0134_05	0 ppm	Day : 5	0	817	7.04	0.3872
0134_05	0 ppm	Day : 21	0	733	8.27	0.1075
0135_05	0 ppm	Day : 5	0	821	6.7	0.4355
0135_05	0 ppm	Day : 21	0	679	8.27	0.1902
0136_05	0 ppm	Day : 5	0	858	7.3	0.365
0136_05	0 ppm	Day : 21	0	695	8.31	0.0914



## FEMALE

Animal No.	Dose	Time In Study	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL
0137_05	0 ppm	Day : 5	0.126	780	7.38	0.3542
0137_05	0 ppm	Day : 21	0	687	8.35	0.1336
0138_05	0 ppm	Day : 5	0.031	822	6.68	0.2872
0138_05	0 ppm	Day : 21	0	662	7.6	0.0912
0139_05	0 ppm	Day : 5	0	855	7.84	0.2587
0139_05	0 ppm	Day : 21	0	704	8.48	0.1611
0140_05	0 ppm	Day : 5	0	848	6.97	0.3624
0140_05	0 ppm	Day : 21	0			
0141_05	500 ppm	Week : 13	0.1614	691	8.07	0.113
0142_05	500 ppm	Week : 13	0	628	8.45	0.1183
0143_05	500 ppm	Week : 13	0	611	8.32	0.1498
0144_05	500 ppm	Week : 13	0.0815	803	8.15	0.1304
0145_05	500 ppm	Week : 13	0	589	8.09	0.1133
0146_05	500 ppm	Week : 13	0.0834	668	8.34	0.1835
0147_05	500 ppm	Week : 13	0	621	7.76	0.1242
0148_05	500 ppm	Week : 13	0.083	687	8.3	0.1577
0149_05	500 ppm	Week : 13	0.0793	744	7.93	0.1586
0150_05	500 ppm	Week : 13	0	670	8.11	0.0973
0151_05	500 ppm	Day : 5	0	846	7.08	0.262
0151_05	500 ppm	Day : 21	0	708	8.43	0.1285
0152_05	500 ppm	Day : 21	0	642	8.38	0.0587
0153_05	500 ppm	Day : 5	0	901	7.2	0.36

## FEMALE

Animal No.	Dose	Time In Study	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL
0153_05	500 ppm	Day : 5	0	901	7.2	0.36
0153_05	500 ppm	Day : 21	0	658	8.14	0.0651
0154_05	500 ppm	Day : 5	0	886	6.81	0.2928
0155_05	500 ppm	Day : 5	0	823	7.55	0.2492
0155_05	500 ppm	Day : 21	0	638	8.49	0.1104
0156_05	500 ppm	Day : 5	0.07	791	7.09	0.2056
0157_05	500 ppm	Day : 5	0	766	7.18	0.1939
0157_05	500 ppm	Day : 21	0	577	8.46	0.0508
0158_05	500 ppm	Day : 5	0.073	813	7.25	0.3843
0158_05	500 ppm	Day : 21	0	712	8.34	0.2085
0159_05	500 ppm	Day : 5	0.048	720	6.9	0.3726
0159_05	500 ppm	Day : 21	0	662	8.01	0.0961
0160_05	500 ppm	Day : 5	0.034	799	6.94	0.2845
0160_05	500 ppm	Day : 21	0	654	7.99	0.0959
0161_05	1000 ppm	Week : 13	0	684	8.47	0.1271
0162_05	1000 ppm	Week : 13	0	634	8.65	0.0951
0163_05	1000 ppm	Week : 13	0.1752	589	8.76	0.1051
0164_05	1000 ppm	Week : 13	0.0786	536	7.86	0.1022
0165_05	1000 ppm	Week : 13	0	621	8.55	0.1283
0166_05	1000 ppm	Week : 13	0	618	8.3	0.1328
0167_05	1000 ppm	Week : 13	0			
0168_05	1000 ppm	Week : 13		628	8.33	0.1083

## FEMALE

Animal No.	Dose	Time In Study	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL
0169_05	1000 ppm	Week : 13	0	641	8.27	0.1241
0170_05	1000 ppm	Week : 13	0.0851	740	8.51	0.1787
0171_05	1000 ppm	Day : 5	0	928	7.07	0.4171
0171_05	1000 ppm	Day : 21	0	734	8.25	0.1155
0172_05	1000 ppm	Day : 5	0	872	6.7	0.2613
0172_05	1000 ppm	Day : 21	0	671	7.86	0.0943
0173_05	1000 ppm	Day : 5	0	852	6.93	0.298
0173_05	1000 ppm	Day : 21	0	700	8.04	0.1367
0174_05	1000 ppm	Day : 5	0	802	7	0.231
0174_05	1000 ppm	Day : 21	0	674	8.46	0.11
0175_05	1000 ppm	Day : 5	0.076	802	6.67	0.2535
0175_05	1000 ppm	Day : 21	0	709	7.84	0.1646
0176_05	1000 ppm	Day : 5	0	800	7.72	0.4169
0176_05	1000 ppm	Day : 21	0.09	667	8.17	0.1062
0177_05	1000 ppm	Day : 5	0	849	7.81	0.2734
0177_05	1000 ppm	Day : 21	0	658	8.37	0.1004
0178_05	1000 ppm	Day : 5	0	893	7.02	0.4563
0178_05	1000 ppm	Day : 21	0.065	644	8	0.128
0179_05	1000 ppm	Day : 5	0	917	6.92	0.2214
0179_05	1000 ppm	Day : 21	0	751	8.04	0.1206
0180_05	1000 ppm	Day : 5	0.074	871	7.22	0.426
0180_05	1000 ppm	Day : 21	0	615	8.32	0.1414

## FEMALE

Animal No.	Dose	Time In Study	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL
0180_05	1000 ppm	Day : 21	0	615	8.32	0.1414
0181_05	2000 ppm	Week : 13	0	672	8.3	0.1328
0182_05	2000 ppm	Week : 13	0.0862	635	8.62	0.1465
0183_05	2000 ppm	Week : 13	0	575	8.26	0.1156
0184_05	2000 ppm	Week : 13	0.0856	752	8.56	0.1455
0185_05	2000 ppm	Week : 13	0	629	8.4	0.1092
0186_05	2000 ppm	Week : 13	0	739	8.55	0.1283
0187_05	2000 ppm	Week : 13	0	636	8.27	0.1323
0188_05	2000 ppm	Week : 13	0	653	8.7	0.1566
0189_05	2000 ppm	Week : 13	0	679	8.65	0.1557
0190_05	2000 ppm	Week : 13	0	586	8.45	0.1352
0191_05	2000 ppm	Day : 5	0.112	886	6.98	0.3281
0191_05	2000 ppm	Day : 21	0	736	7.94	0.0715
0192_05	2000 ppm	Day : 5	0	832	6.78	0.2712
0193_05	2000 ppm	Day : 5	0.039	958	7.28	0.2985
0193_05	2000 ppm	Day : 21	0	787	8.11	0.0487
0194_05	2000 ppm	Day : 5	0	877	6.91	0.3801
0194_05	2000 ppm	Day : 21	0.075	750	7.86	0.1965
0195_05	2000 ppm	Day : 5	0.11	806	7.17	0.2151
0195_05	2000 ppm	Day : 21	0	795	8.29	0.0829
0196_05	2000 ppm	Day : 5	0.036	889	6.79	0.3259
0196_05	2000 ppm	Day : 21	0.078	761	7.92	0.1346

## FEMALE

Animal No.	Dose	Time In Study	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL
0197_05	2000 ppm	Day : 5	0.154	831	7.32	0.3221
0197_05	2000 ppm	Day : 21	0	721	8.58	0.0772
0198_05	2000 ppm	Day : 5	0	864	7.23	0.253
0198_05	2000 ppm	Day : 21	0.087	756	8.14	0.0814
0199_05	2000 ppm	Day : 5	0	881	6.93	0.201
0199_05	2000 ppm	Day : 21	0	753	8.09	0.0728
0200_05	2000 ppm	Day : 5	0	972	7.28	0.2985
0200_05	2000 ppm	Day : 21	0	688	8.58	0.0944
0201_05	4000 ppm	Week : 13	0	749	8.45	0.1436
0202_05	4000 ppm	Week : 13	0	632	9.06	0.1087
0203_05	4000 ppm	Week : 13	0	701	8.96	0.0986
0204_05	4000 ppm	Week : 13	0	760	8.63	0.1208
0205_05	4000 ppm	Week : 13	0	643	8.53	0.1535
0206_05	4000 ppm	Week : 13	0	711	8.48	0.1187
0207_05	4000 ppm	Week : 13	0.0841	785	8.41	0.1093
0208_05	4000 ppm	Week : 13	0	734	7.96	0.0955
0209_05	4000 ppm	Week : 13	0.0793	771	7.93	0.1269
0210_05	4000 ppm	Week : 13	0	671	8	0.232
0211_05	4000 ppm	Day : 5	0	872	7.56	0.189
0211_05	4000 ppm	Day : 21	0	724	8.2	0.1148
0212_05	4000 ppm	Day : 5	0	881	7.67	0.1611
0212_05	4000 ppm	Day : 21	0.088	946	8.99	0.2158

## FEMALE

Animal No.	Dose	Time In Study	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL
0212_05	4000 ppm	Day : 21	0.088	946	8.99	0.2158
0213_05	4000 ppm	Day : 5	0	701	7.62	0.1676
0213_05	4000 ppm	Day : 21	0	953	8.12	0.1868
0214_05	4000 ppm	Day : 5	0	922	7.19	0.3595
0214_05	4000 ppm	Day : 21	0	859	8.27	0.2481
0215_05	4000 ppm	Day : 5	0	842	7.03	0.3234
0215_05	4000 ppm	Day : 21	0	817	7.83	0.0861
0216_05	4000 ppm	Day : 5	0	891	7.21	0.3028
0216_05	4000 ppm	Day : 21	0	890	8.22	0.2055
0217_05	4000 ppm	Day : 5	0.116	890	7.09	0.2198
0217_05	4000 ppm	Day : 21	0.061	778	8.09	0.1133
0218_05	4000 ppm	Day : 5	0	910	7.81	0.2421
0218_05	4000 ppm	Day : 21	0	833	8.56	0.1455
0219_05	4000 ppm	Day : 21	0	834	8.5	0.238
0220_05	4000 ppm	Day : 5	0	971	7.49	0.337
0220_05	4000 ppm	Day : 21	0	886	7.87	0.3227
0221_05	8000 ppm	Week : 13	0.0896	702	8.96	0.1613
0222_05	8000 ppm	Week : 13	0	696	8.43	0.1855
0223_05	8000 ppm	Week : 13	0	762	8.17	0.1552
0224_05	8000 ppm	Week : 13	0.0824	691	8.24	0.1154
0225_05	8000 ppm	Week : 13	0	642	8.55	0.1795
0226_05	8000 ppm	Week : 13	0	718	8.45	0.093

## FEMALE

Animal No.	Dose	Time In Study	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL
0227_05	8000 ppm	Week : 13	0.0768	777	7.68	0.0922
0228_05	8000 ppm	Week : 13	0	643	8.99	0.1618
0229_05	8000 ppm	Week : 13	0.0879	812	8.79	0.2198
0230_05	8000 ppm	Week : 13	0	896	8.81	0.1145
0231_05	8000 ppm	Day : 5	0	940	7.35	0.1764
0231_05	8000 ppm	Day : 21	0	990	7.44	0.3794
0232_05	8000 ppm	Day : 5	0	907	7.83	0.2271
0232_05	8000 ppm	Day : 21	0	869	8.84	0.1503
0233_05	8000 ppm	Day : 5	0	1007	7.66	0.2834
0233_05	8000 ppm	Day : 21	0	907	8.34	0.1501
0234_05	8000 ppm	Day : 5	0	915	7.72	0.2702
0234_05	8000 ppm	Day : 21	0	929	8.65	0.2076
0235_05	8000 ppm	Day : 5	0	914	7.52	0.1429
0235_05	8000 ppm	Day : 21	0	913	8.45	0.1352
0236_05	8000 ppm	Day : 5	0	947	7.67	0.1841
0236_05	8000 ppm	Day : 21	0	913	8.59	0.189
0237_05	8000 ppm	Day : 5	0	819	7.68	0.1766
0237_05	8000 ppm	Day : 21	0	877	8.57	0.1028
0238_05	8000 ppm	Day : 5	0	1057	7.5	0.15
0238_05	8000 ppm	Day : 21	0	869	8.45	0.2028
0239_05	8000 ppm	Day : 5	0	915	7.74	0.1625
0239_05	8000 ppm	Day : 21	0	982	7.58	0.3563

Experiment Number: 05206-05

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:47:21

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	Nucleated Rbc Count 1000 per uL	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL
0239_05	8000 ppm	Day : 21	0	982	7.58	0.3563
0240_05	8000 ppm	Day : 5	0	867	7.61	0.1598
0240_05	8000 ppm	Day : 21	0	908	7.7	0.2156



Experiment Number: 05206-05

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:47:21

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0121_05	0 ppm	Week : 13	0.836	7.6
0122_05	0 ppm	Week : 13	2.387	7.7
0123_05	0 ppm	Week : 13	1.014	7.8
0124_05	0 ppm	Week : 13	1.125	7.5
0125_05	0 ppm	Week : 13	1.215	8.1
0126_05	0 ppm	Week : 13	0.742	5.3
0127_05	0 ppm	Week : 13	0.56	8
0128_05	0 ppm	Week : 13	4.788	12.6
0129_05	0 ppm	Week : 13	1.134	6.3
0130_05	0 ppm	Week : 13	1.035	6.9
0131_05	0 ppm	Day : 5	0.296	3.7
0131_05	0 ppm	Day : 21	1.54	7.7
0132_05	0 ppm	Day : 5	1.615	8.5
0132_05	0 ppm	Day : 21	1.044	8.7
0133_05	0 ppm	Day : 5	0.52	4
0133_05	0 ppm	Day : 21	1.305	8.7
0134_05	0 ppm	Day : 5	1.178	6.2
0134_05	0 ppm	Day : 21	0.536	6.7
0135_05	0 ppm	Day : 5	0.432	4.8
0135_05	0 ppm	Day : 21	0.456	5.7
0136_05	0 ppm	Day : 5	0.315	3.5
0136_05	0 ppm	Day : 21	0.528	6.6

Experiment Number: 05206-05

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:47:21

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0137_05	0 ppm	Day : 5	0.693	6.3
0137_05	0 ppm	Day : 21	0.78	6.5
0138_05	0 ppm	Day : 5	0.589	3.1
0138_05	0 ppm	Day : 21	0.376	4.7
0139_05	0 ppm	Day : 5	0.658	9.4
0139_05	0 ppm	Day : 21	0.42	6
0140_05	0 ppm	Day : 5	0.594	5.4
0140_05	0 ppm	Day : 21		
0141_05	500 ppm	Week : 13	1.2	7.5
0142_05	500 ppm	Week : 13	1.071	6.3
0143_05	500 ppm	Week : 13	1.12	8
0144_05	500 ppm	Week : 13	2.128	7.6
0145_05	500 ppm	Week : 13	1.8	7.2
0146_05	500 ppm	Week : 13	1.17	7.8
0147_05	500 ppm	Week : 13	1.95	7.5
0148_05	500 ppm	Week : 13	0.693	7.7
0149_05	500 ppm	Week : 13	1.782	6.6
0150_05	500 ppm	Week : 13	1.584	7.2
0151_05	500 ppm	Day : 5	0.966	6.9
0151_05	500 ppm	Day : 21	0.584	7.3
0152_05	500 ppm	Day : 21	0.676	5.2
0153_05	500 ppm	Day : 5	1.035	6.9

Experiment Number: 05206-05

Species/Strain: Rat/Fischer 344

**P44: Hematology Data**

Date Report Requested: 10/24/2014

Time Report Requested: 11:47:21

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0153_05	500 ppm	Day : 5	1.035	6.9
0153_05	500 ppm	Day : 21	0.462	6.6
0154_05	500 ppm	Day : 5	1.173	6.9
0155_05	500 ppm	Day : 5	0.621	6.9
0155_05	500 ppm	Day : 21	0.558	6.2
0156_05	500 ppm	Day : 5	0.63	3.5
0157_05	500 ppm	Day : 5	0.624	3.9
0157_05	500 ppm	Day : 21	0.6	5
0158_05	500 ppm	Day : 5	0.73	7.3
0158_05	500 ppm	Day : 21	0.92	9.2
0159_05	500 ppm	Day : 5	0.336	2.4
0159_05	500 ppm	Day : 21	1.564	9.2
0160_05	500 ppm	Day : 5	0.68	3.4
0160_05	500 ppm	Day : 21	0.891	8.1
0161_05	1000 ppm	Week : 13	1.092	5.2
0162_05	1000 ppm	Week : 13	0.76	7.6
0163_05	1000 ppm	Week : 13	1.196	4.6
0164_05	1000 ppm	Week : 13	0.96	6
0165_05	1000 ppm	Week : 13	0.658	4.7
0166_05	1000 ppm	Week : 13	1.54	7
0167_05	1000 ppm	Week : 13		
0168_05	1000 ppm	Week : 13	0.737	6.7

Experiment Number: 05206-05

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:47:21

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0169_05	1000 ppm	Week : 13	1.708	6.1
0170_05	1000 ppm	Week : 13	0.936	7.8
0171_05	1000 ppm	Day : 5	0.368	4.6
0171_05	1000 ppm	Day : 21	0.47	4.7
0172_05	1000 ppm	Day : 5	0.792	4.4
0172_05	1000 ppm	Day : 21	0.737	6.7
0173_05	1000 ppm	Day : 5	0.78	5.2
0173_05	1000 ppm	Day : 21	0.621	6.9
0174_05	1000 ppm	Day : 5	0.315	3.5
0174_05	1000 ppm	Day : 21	0.522	5.8
0175_05	1000 ppm	Day : 5	0.608	3.8
0175_05	1000 ppm	Day : 21	0.21	3.5
0176_05	1000 ppm	Day : 5	0.848	5.3
0176_05	1000 ppm	Day : 21	1.26	9
0177_05	1000 ppm	Day : 5	0.87	5.8
0177_05	1000 ppm	Day : 21	0.504	6.3
0178_05	1000 ppm	Day : 5	1.314	7.3
0178_05	1000 ppm	Day : 21	0.52	6.5
0179_05	1000 ppm	Day : 5	0.91	6.5
0179_05	1000 ppm	Day : 21	1.17	7.8
0180_05	1000 ppm	Day : 5	0.814	7.4
0180_05	1000 ppm	Day : 21	1.092	9.1

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**FEMALE**

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Animal No.	Dose	Time In Study	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0180_05	1000 ppm	Day : 21	1.092	9.1
0181_05	2000 ppm	Week : 13	2.178	6.6
0182_05	2000 ppm	Week : 13	1.26	6.3
0183_05	2000 ppm	Week : 13	1.48	7.4
0184_05	2000 ppm	Week : 13	1.596	7.6
0185_05	2000 ppm	Week : 13	1.38	6.9
0186_05	2000 ppm	Week : 13	1.008	7.2
0187_05	2000 ppm	Week : 13	1.152	7.2
0188_05	2000 ppm	Week : 13	0.78	6
0189_05	2000 ppm	Week : 13	1.584	8.8
0190_05	2000 ppm	Week : 13	1.036	7.4
0191_05	2000 ppm	Day : 5	0.672	5.6
0191_05	2000 ppm	Day : 21	0.639	7.1
0192_05	2000 ppm	Day : 5	0.864	7.2
0193_05	2000 ppm	Day : 5	0.546	3.9
0193_05	2000 ppm	Day : 21	0.432	5.4
0194_05	2000 ppm	Day : 5	0.376	4.7
0194_05	2000 ppm	Day : 21	0.6	7.5
0195_05	2000 ppm	Day : 5	0.66	5.5
0195_05	2000 ppm	Day : 21	0.602	8.6
0196_05	2000 ppm	Day : 5	0.54	3.6
0196_05	2000 ppm	Day : 21	0.546	7.8

Experiment Number: 05206-05

Species/Strain: Rat/Fischer 344

P44: Hematology Data

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First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0197_05	2000 ppm	Day : 5	0.616	7.7
0197_05	2000 ppm	Day : 21	0.621	6.9
0198_05	2000 ppm	Day : 5	0.728	5.6
0198_05	2000 ppm	Day : 21	0.957	8.7
0199_05	2000 ppm	Day : 5	0.969	5.7
0199_05	2000 ppm	Day : 21	0.462	7.7
0200_05	2000 ppm	Day : 5	0.288	3.6
0200_05	2000 ppm	Day : 21	0.644	9.2
0201_05	4000 ppm	Week : 13	1.328	8.3
0202_05	4000 ppm	Week : 13	0.98	7
0203_05	4000 ppm	Week : 13	1.344	8.4
0204_05	4000 ppm	Week : 13	1.053	8.1
0205_05	4000 ppm	Week : 13	1.209	9.3
0206_05	4000 ppm	Week : 13	1.656	9.2
0207_05	4000 ppm	Week : 13	0.936	7.2
0208_05	4000 ppm	Week : 13	1.482	7.8
0209_05	4000 ppm	Week : 13	1.472	9.2
0210_05	4000 ppm	Week : 13	1.312	8.2
0211_05	4000 ppm	Day : 5	0.96	9.6
0211_05	4000 ppm	Day : 21	0.408	6.8
0212_05	4000 ppm	Day : 5	0.516	4.3
0212_05	4000 ppm	Day : 21	0.88	8.8

Experiment Number: 05206-05

Species/Strain: Rat/Fischer 344

**P44: Hematology Data**

Date Report Requested: 10/24/2014

Time Report Requested: 11:47:21

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0212_05	4000 ppm	Day : 21	0.88	8.8
0213_05	4000 ppm	Day : 5	1.04	6.5
0213_05	4000 ppm	Day : 21	0.592	7.4
0214_05	4000 ppm	Day : 5	0.392	4.9
0214_05	4000 ppm	Day : 21	0.531	5.9
0215_05	4000 ppm	Day : 5	0.828	6.9
0215_05	4000 ppm	Day : 21	0.962	7.4
0216_05	4000 ppm	Day : 5	0.53	5.3
0216_05	4000 ppm	Day : 21	1.377	8.1
0217_05	4000 ppm	Day : 5	0.812	5.8
0217_05	4000 ppm	Day : 21	0.61	6.1
0218_05	4000 ppm	Day : 5	1.848	8.4
0218_05	4000 ppm	Day : 21	0.558	9.3
0219_05	4000 ppm	Day : 21	0.472	5.9
0220_05	4000 ppm	Day : 5	0.924	8.4
0220_05	4000 ppm	Day : 21	0.868	6.2
0221_05	8000 ppm	Week : 13	1.856	11.6
0222_05	8000 ppm	Week : 13	1.376	8.6
0223_05	8000 ppm	Week : 13	1.547	9.1
0224_05	8000 ppm	Week : 13	1.118	8.6
0225_05	8000 ppm	Week : 13	2.074	12.2
0226_05	8000 ppm	Week : 13	1.248	9.6

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**FEMALE**


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Animal No.	Dose	Time In Study	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0227_05	8000 ppm	Week : 13	1.224	10.2
0228_05	8000 ppm	Week : 13	2.121	10.1
0229_05	8000 ppm	Week : 13	1.276	11.6
0230_05	8000 ppm	Week : 13	1.152	7.2
0231_05	8000 ppm	Day : 5	0.867	5.1
0231_05	8000 ppm	Day : 21	0.99	11
0232_05	8000 ppm	Day : 5	0.65	5
0232_05	8000 ppm	Day : 21	0.986	5.8
0233_05	8000 ppm	Day : 5	1.245	8.3
0233_05	8000 ppm	Day : 21	1.156	6.8
0234_05	8000 ppm	Day : 5	0.638	5.8
0234_05	8000 ppm	Day : 21	0.693	9.9
0235_05	8000 ppm	Day : 5	1.326	10.2
0235_05	8000 ppm	Day : 21	0.355	7.1
0236_05	8000 ppm	Day : 5	0.893	4.7
0236_05	8000 ppm	Day : 21	0.476	6.8
0237_05	8000 ppm	Day : 5	1.368	7.2
0237_05	8000 ppm	Day : 21	0.966	6.9
0238_05	8000 ppm	Day : 5	0.45	5
0238_05	8000 ppm	Day : 21	0.588	8.4
0239_05	8000 ppm	Day : 5	0.78	7.8
0239_05	8000 ppm	Day : 21	0.518	7.4



Experiment Number: 05206-05

Species/Strain: Rat/Fischer 344

**P44: Hematology Data**

Date Report Requested: 10/24/2014

Time Report Requested: 11:47:21

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	Segmented Neutrophil Count 1000 per uL	White Blood Cell Count 1000 per uL
0239_05	8000 ppm	Day : 21	0.518	7.4
0240_05	8000 ppm	Day : 5	0.602	4.3
0240_05	8000 ppm	Day : 21	0.594	5.4

\*\* END OF REPORT \*\*