

**Experiment Number:** 05183-05

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

**P44: Hematology Data**

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

**Time Report Requested:** 17:02:12

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

**Lab:** NA

**C Number:** C61905

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Both

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**MALE**


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Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0001_05	0 ppm	Week : 13	0.126	45.7	16.5	4.47
0002_05	0 ppm	Week : 13	0.075	43.1	15.1	5.85
0003_05	0 ppm	Week : 13	0.126	45.7	16.6	4.54
0004_05	0 ppm	Week : 13	0.075	42.9	15.5	4.8
0005_05	0 ppm	Week : 13	0	43.8	15.9	5.44
0006_05	0 ppm	Week : 13	0.054	44.5	16	4.27
0007_05	0 ppm	Week : 13	0.048	43.3	15.6	3.31
0008_05	0 ppm	Week : 13	0.205	43.6	15.6	5.33
0009_05	0 ppm	Week : 13	0	43.7	16.1	7.64
0010_05	0 ppm	Week : 13	0	43.8	16.1	5.41
0011_05	0 ppm	Day : 3	0	42.3	14.5	7.91
0011_05	0 ppm	Day : 23	0	46.5	16	5.13
0012_05	0 ppm	Day : 3	0	42.8	14.6	7.31
0012_05	0 ppm	Day : 23	0.048	45.8	15.7	3.89
0013_05	0 ppm	Day : 3	0	42.1	14.5	7.76
0013_05	0 ppm	Day : 23	0	45.8	16.1	5.76
0014_05	0 ppm	Day : 3	0	41.8	14	6.63
0014_05	0 ppm	Day : 23	0	44.5	15.5	4.49
0015_05	0 ppm	Day : 3	0	41.9	14.2	7.11
0015_05	0 ppm	Day : 23	0	44.5	15.4	4.81
0016_05	0 ppm	Day : 3	0.081	41.5	14.2	7.61
0016_05	0 ppm	Day : 23	0	45.4	15.8	4.05

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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
0017_05	0 ppm	Day : 3	0	41.3	13.8	7.1
0017_05	0 ppm	Day : 23	0	45.3	15.5	5.42
0018_05	0 ppm	Day : 3	0.057	41.1	13.9	5.47
0018_05	0 ppm	Day : 23	0.06	45	15.3	5.06
0019_05	0 ppm	Day : 3	0	41	13.9	5.88
0019_05	0 ppm	Day : 23	0	46.2	16	4.91
0020_05	0 ppm	Day : 3	0	42.3	14	5.19
0020_05	0 ppm	Day : 23	0	44.1	14.7	5.54
0201_05	8 ppm	Week : 13	0	43.8	16.3	4.74
0202_05	8 ppm	Week : 13	0	43.3	15.7	3.56
0203_05	8 ppm	Week : 13	0	45.2	16.4	4.26
0204_05	8 ppm	Week : 13	0.058	42.3	15.5	4.46
0205_05	8 ppm	Week : 13	0	43.5	15.9	4.47
0206_05	8 ppm	Week : 13	0	45.9	16.5	4.32
0207_05	8 ppm	Week : 13	0.051	43.7	15.9	3.83
0208_05	8 ppm	Week : 13	0.055	44.9	16.1	4.35
0209_05	8 ppm	Week : 13	0.054	43.8	15.8	4.64
0210_05	8 ppm	Week : 13	0.065	44.6	16.3	5.03
0211_05	8 ppm	Day : 3	0	40.7	13.9	7.4
0211_05	8 ppm	Day : 23	0.056	47.7	16.3	5.19
0212_05	8 ppm	Day : 3	0.078	42.3	14.3	6.63
0212_05	8 ppm	Day : 23	0	41.4	14	4.87

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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
0212_05	8 ppm	Day : 23	0	41.4	14	4.87
0213_05	8 ppm	Day : 3	0	43.3	14.3	8.56
0213_05	8 ppm	Day : 23	0.055	46.1	15.8	4.83
0214_05	8 ppm	Day : 3	0	42.5	14.4	7.47
0214_05	8 ppm	Day : 23	0	47.3	16.2	6.37
0215_05	8 ppm	Day : 3	0.091	44.7	15	8.39
0215_05	8 ppm	Day : 23	0.057	46.2	16.2	5.36
0216_05	8 ppm	Day : 3	0	42.5	14.3	7.61
0216_05	8 ppm	Day : 23	0.053	44.4	15.5	4.82
0217_05	8 ppm	Day : 3	0	40.7	13.7	6.66
0217_05	8 ppm	Day : 23	0	43.8	15.4	5.02
0218_05	8 ppm	Day : 3	0	41.8	14	5.58
0218_05	8 ppm	Day : 23	0	44.7	15.7	4.36
0219_05	8 ppm	Day : 3	0	40.8	13.5	5.89
0219_05	8 ppm	Day : 23	0.061	46.8	16.2	5.43
0220_05	8 ppm	Day : 3	0	40.7	13.8	6.04
0220_05	8 ppm	Day : 23	0	44.1	15.5	5.53
0401_05	16 ppm	Week : 13	0	44.5	16.1	5.58
0402_05	16 ppm	Week : 13	0.061	45	16.5	5.25
0403_05	16 ppm	Week : 13	0.055	44.6	16.3	4.4
0404_05	16 ppm	Week : 13	0.075	42.6	15.7	6.4
0405_05	16 ppm	Week : 13	0	43.7	15.8	3.79

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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
0406_05	16 ppm	Week : 13	0	43	15.5	4.52
0407_05	16 ppm	Week : 13	0	45.4	16.4	4.65
0408_05	16 ppm	Week : 13	0.055	44.4	16.3	4.29
0409_05	16 ppm	Week : 13	0.045	43.3	15.6	3.52
0410_05	16 ppm	Week : 13	0.156	43.9	15.9	4.37
0411_05	16 ppm	Day : 3	0.08	43.7	14.7	7.17
0411_05	16 ppm	Day : 23	0.069	47.8	16.3	6.21
0412_05	16 ppm	Day : 3	0	41.5	13.4	6.42
0412_05	16 ppm	Day : 23	0.076	44.5	15.3	6.84
0413_05	16 ppm	Day : 3	0.073	41.4	13.9	6.79
0413_05	16 ppm	Day : 23	0	46.6	15.8	5.26
0414_05	16 ppm	Day : 3	0	40.4	13.6	5.5
0414_05	16 ppm	Day : 23	0.064	45.2	15.3	5.82
0415_05	16 ppm	Day : 3	0	42.6	14.4	8.02
0415_05	16 ppm	Day : 23	0	46.2	16	3.74
0416_05	16 ppm	Day : 3	0	43.5	14.6	7.33
0416_05	16 ppm	Day : 23	0	46.7	16	4.79
0417_05	16 ppm	Day : 3	0.07	43.5	14.4	6.3
0417_05	16 ppm	Day : 23	0	45.4	15.6	6.03
0418_05	16 ppm	Day : 3	0.083	42.3	14.2	6.72
0418_05	16 ppm	Day : 23	0	45.2	15.6	5.16
0419_05	16 ppm	Day : 3	0	41	13.9	6.75

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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
0419_05	16 ppm	Day : 3	0	41	13.9	6.75
0419_05	16 ppm	Day : 23	0	46	15.6	4.92
0420_05	16 ppm	Day : 3	0	40.6	13.7	6.59
0420_05	16 ppm	Day : 23	0	45	15.6	4.96
0601_05	32 ppm	Week : 13	0.067	45.1	16.4	5.43
0602_05	32 ppm	Week : 13	0.066	43.8	15.8	5.68
0603_05	32 ppm	Week : 13	0.071	43.5	16	5.63
0604_05	32 ppm	Week : 13	0.069	44.2	15.7	5.8
0605_05	32 ppm	Week : 13	0.122	44.2	15.7	4.82
0606_05	32 ppm	Week : 13	0.061	42.7	15.5	4.27
0607_05	32 ppm	Week : 13	0	42.8	15.7	5.69
0608_05	32 ppm	Week : 13	0.129	44.7	16	5.44
0609_05	32 ppm	Week : 13	0.073	44.2	16.3	6.06
0610_05	32 ppm	Week : 13	0	44.2	15.9	3.94
0611_05	32 ppm	Day : 3	0	39.9	13.7	5.38
0611_05	32 ppm	Day : 23	0	44.1	15.3	6
0612_05	32 ppm	Day : 3	0.08	44.4	15	7.46
0612_05	32 ppm	Day : 23	0	46.1	15.8	5.56
0613_05	32 ppm	Day : 3	0	42.6	14.4	6.34
0613_05	32 ppm	Day : 23	0.048	45.4	15.3	4.08
0614_05	32 ppm	Day : 3	0	42.7	14.4	6.89
0614_05	32 ppm	Day : 23	0.071	45.8	15.6	6.39

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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
0615_05	32 ppm	Day : 3	0	45.7	15.2	7.84
0615_05	32 ppm	Day : 23	0	46.7	16	5.25
0616_05	32 ppm	Day : 3	0.083	43.4	14.8	7.98
0616_05	32 ppm	Day : 23	0	43.7	15.2	4.37
0617_05	32 ppm	Day : 3	0	42.3	14.3	7.72
0617_05	32 ppm	Day : 23	0.061	46.9	16	5.67
0618_05	32 ppm	Day : 3	0	42.9	14.6	9.8
0618_05	32 ppm	Day : 23	0	46.2	16.1	4.65
0619_05	32 ppm	Day : 3	0	43.5	14.5	7.83
0619_05	32 ppm	Day : 23	0	46	15.9	5.31
0620_05	32 ppm	Day : 3	0	40.7	13.8	7.25
0620_05	32 ppm	Day : 23	0	45.7	15.6	5.24
0801_05	64 ppm	Week : 13	0.114	43.8	16.2	4.39
0802_05	64 ppm	Week : 13	0.062	43.9	15.8	5.27
0803_05	64 ppm	Week : 13	0.098	42.8	15.4	4.17
0804_05	64 ppm	Week : 13	0	42.9	15.5	5.19
0805_05	64 ppm	Week : 13	0	42.6	15.6	4.06
0806_05	64 ppm	Week : 13	0.116	42.7	15.7	4.47
0807_05	64 ppm	Week : 13	0.132	44.6	16.2	5.28
0808_05	64 ppm	Week : 13	0	42.7	15.1	6.55
0809_05	64 ppm	Week : 13	0.102	42	15.6	3.67
0810_05	64 ppm	Week : 13	0.062	44.4	16	4.84

## MALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0810_05	64 ppm	Week : 13	0.062	44.4	16	4.84
0811_05	64 ppm	Day : 3	0	42.7	14.4	7.94
0811_05	64 ppm	Day : 23	0	43.7	15.2	4.9
0812_05	64 ppm	Day : 3	0.09	41.3	14.1	7.66
0812_05	64 ppm	Day : 23	0	44.4	15.5	4.85
0813_05	64 ppm	Day : 3	0.109	44.9	15.2	9.91
0813_05	64 ppm	Day : 23	0	44.4	15.5	5.08
0814_05	64 ppm	Day : 3	0.094	44.3	15	9.13
0814_05	64 ppm	Day : 23	0	44.9	15.6	5.39
0815_05	64 ppm	Day : 3	0	43.3	14.7	7.76
0815_05	64 ppm	Day : 23	0	44.6	15.4	4.71
0816_05	64 ppm	Day : 3	0	44.3	15.1	7.12
0816_05	64 ppm	Day : 23	0	46.6	15.9	4.54
0817_05	64 ppm	Day : 3	0	43.3	14.5	8.22
0817_05	64 ppm	Day : 23	0	45.1	15.5	6.81
0818_05	64 ppm	Day : 3	0.095	42.7	14.6	8.56
0818_05	64 ppm	Day : 23	0.055	45.2	15.5	5.01
0819_05	64 ppm	Day : 3	0	43.1	14.9	7.2
0819_05	64 ppm	Day : 23	0.14	44.4	15.4	5.67
0820_05	64 ppm	Day : 3	0	41.8	14.2	8
0820_05	64 ppm	Day : 23	0	44.6	15.3	5.62
1001_05	128 ppm	Week : 13	0	45.7	16.4	6.1



## MALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
1002_05	128 ppm	Week : 13	0.092	43.7	15.8	3.31
1003_05	128 ppm	Week : 13	0	43.7	15.6	5.07
1004_05	128 ppm	Week : 13	0	43.4	15.7	5.63
1005_05	128 ppm	Week : 13	0.054	43.7	16.1	4.1
1006_05	128 ppm	Week : 13	0	44.5	16.2	4.65
1007_05	128 ppm	Week : 13	0.102	44.1	16.1	3.83
1008_05	128 ppm	Week : 13	0	44.3	16.2	3.94
1009_05	128 ppm	Week : 13	0.2	44.7	16.4	3.65
1010_05	128 ppm	Week : 13	0	43	15.9	5.17
1011_05	128 ppm	Day : 3	0	40.7	14	5.99
1011_05	128 ppm	Day : 23	0.051	44.7	15.6	4.63
1012_05	128 ppm	Day : 3	0	43.7	15	10.36
1012_05	128 ppm	Day : 23	0	43.7	13	6.86
1013_05	128 ppm	Day : 3	0	45.1	15.3	8.65
1013_05	128 ppm	Day : 23	0	46	15.9	4.73
1014_05	128 ppm	Day : 3	0	43.3	14.7	9.95
1014_05	128 ppm	Day : 23	0	45	15.6	5.28
1015_05	128 ppm	Day : 3	0	42.5	14.4	9.4
1015_05	128 ppm	Day : 23	0.058	45.6	15.6	5.1
1016_05	128 ppm	Day : 3	0	41.5	14.2	6.18
1016_05	128 ppm	Day : 23	0	44.5	15.5	5.57
1017_05	128 ppm	Day : 3	0.096	42.3	14.3	8.45

Experiment Number: 05183-05

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:02:13

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
1017_05	128 ppm	Day : 3	0.096	42.3	14.3	8.45
1017_05	128 ppm	Day : 23	0	45.6	15.7	6.32
1018_05	128 ppm	Day : 3	0	42.1	14.5	7.29
1018_05	128 ppm	Day : 23	0	45	15.6	4.78
1019_05	128 ppm	Day : 3	0	44.6	15	7.86
1019_05	128 ppm	Day : 23	0	46.8	16	5.19
1020_05	128 ppm	Day : 3	0.08	41.7	14.2	7.44
1020_05	128 ppm	Day : 23	0	45.1	15	4.72

## 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	16.5	36.1	46	0.19
0002_05	0 ppm	Week : 13	15.6	35	44	0.08
0003_05	0 ppm	Week : 13	16.5	36.3	45	0.06
0004_05	0 ppm	Week : 13	16.1	36.1	45	0.52
0005_05	0 ppm	Week : 13	16.1	36.3	44	0.56
0006_05	0 ppm	Week : 13	16.4	36	46	0.16
0007_05	0 ppm	Week : 13	16.2	36	45	0.24
0008_05	0 ppm	Week : 13	16.1	35.8	45	0.27
0009_05	0 ppm	Week : 13	16.7	36.8	45	0.36
0010_05	0 ppm	Week : 13	16.3	36.8	44	0.66
0011_05	0 ppm	Day : 3	17.8	34.3	52	0.25
0011_05	0 ppm	Day : 23	17.1	34.4	50	0.06
0012_05	0 ppm	Day : 3	17.4	34.1	51	0.24
0012_05	0 ppm	Day : 23	16.7	34.3	49	0.14
0013_05	0 ppm	Day : 3	18.2	34.4	53	0.08
0013_05	0 ppm	Day : 23	17.7	35.2	50	0.06
0014_05	0 ppm	Day : 3	18	33.5	54	0.07
0014_05	0 ppm	Day : 23	17.7	34.8	51	0.05
0015_05	0 ppm	Day : 3	17.7	33.9	52	0.15
0015_05	0 ppm	Day : 23	17.4	34.6	50	0.05
0016_05	0 ppm	Day : 3	18.3	34.2	53	0.08

## 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
0016_05	0 ppm	Day : 23	17.7	34.8	51	0.09
0017_05	0 ppm	Day : 3	17.6	33.4	53	0.16
0017_05	0 ppm	Day : 23	17.5	34.2	51	0.06
0018_05	0 ppm	Day : 3	18	33.8	53	0.06
0018_05	0 ppm	Day : 23	17.4	34	51	0.12
0019_05	0 ppm	Day : 3	18.1	33.9	53	0.2
0019_05	0 ppm	Day : 23	17.4	34.6	50	0.18
0020_05	0 ppm	Day : 3	17.5	33.1	53	0.23
0020_05	0 ppm	Day : 23	17.2	33.3	52	0
0201_05	8 ppm	Week : 13	16.4	37.2	44	0.18
0202_05	8 ppm	Week : 13	16.3	36.3	45	0.31
0203_05	8 ppm	Week : 13	16.1	36.3	44	0.05
0204_05	8 ppm	Week : 13	16.1	36.6	44	0.23
0205_05	8 ppm	Week : 13	16.3	36.6	44	0.17
0206_05	8 ppm	Week : 13	16.3	35.9	45	0.27
0207_05	8 ppm	Week : 13	16.6	36.4	46	0.2
0208_05	8 ppm	Week : 13	16	35.9	45	0
0209_05	8 ppm	Week : 13	16.1	36.1	45	0.11
0210_05	8 ppm	Week : 13	16.1	36.5	44	0.39
0211_05	8 ppm	Day : 3	17.8	34.2	52	0.25
0211_05	8 ppm	Day : 23	17.2	34.2	50	0.06

## 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
0212_05	8 ppm	Day : 3	18.3	33.8	54	0
0212_05	8 ppm	Day : 23	17.3	33.8	51	0.16
0213_05	8 ppm	Day : 3	17.8	33	54	0.09
0213_05	8 ppm	Day : 23	17.3	34.3	51	0.27
0214_05	8 ppm	Day : 3	18	33.9	53	0
0214_05	8 ppm	Day : 23	17.8	34.2	52	0
0215_05	8 ppm	Day : 3	17.6	33.6	53	0.09
0215_05	8 ppm	Day : 23	17.6	35.1	50	0.06
0216_05	8 ppm	Day : 3	18	33.6	53	0.08
0216_05	8 ppm	Day : 23	17.8	34.9	51	0.11
0217_05	8 ppm	Day : 3	17.5	33.7	52	0.15
0217_05	8 ppm	Day : 23	17.6	35.2	50	0.17
0218_05	8 ppm	Day : 3	18.2	33.5	54	0.12
0218_05	8 ppm	Day : 23	18.1	35.1	51	0.15
0219_05	8 ppm	Day : 3	17.6	33.1	53	0.13
0219_05	8 ppm	Day : 23	17.9	34.6	52	0.31
0220_05	8 ppm	Day : 3	18.1	33.9	53	0.2
0220_05	8 ppm	Day : 23	18.3	35.1	52	0.2
0401_05	16 ppm	Week : 13	16.4	36.2	45	0.06
0402_05	16 ppm	Week : 13	16.4	36.7	45	0.24
0403_05	16 ppm	Week : 13	16.4	36.5	45	0.06

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**MALE**


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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
0404_05	16 ppm	Week : 13	16.7	36.9	45	0.15
0405_05	16 ppm	Week : 13	16.3	36.2	45	0.1
0406_05	16 ppm	Week : 13	16.4	36	45	0.29
0407_05	16 ppm	Week : 13	16.2	36.1	45	0
0408_05	16 ppm	Week : 13	16.5	36.7	45	0.17
0409_05	16 ppm	Week : 13	16.2	36	45	0.18
0410_05	16 ppm	Week : 13	16.4	36.2	45	0.16
0411_05	16 ppm	Day : 3	17.2	33.6	51	0.16
0411_05	16 ppm	Day : 23	17.2	34.1	50	0.14
0412_05	16 ppm	Day : 3	17.7	32.3	55	0.21
0412_05	16 ppm	Day : 23	17.5	34.4	51	0.3
0413_05	16 ppm	Day : 3	17.7	33.6	53	0.15
0413_05	16 ppm	Day : 23	17.6	33.9	52	0.06
0414_05	16 ppm	Day : 3	18.3	33.7	54	0.19
0414_05	16 ppm	Day : 23	17.3	33.8	51	0.13
0415_05	16 ppm	Day : 3	17.5	33.8	52	0.18
0415_05	16 ppm	Day : 23	17.2	34.6	50	0.13
0416_05	16 ppm	Day : 3	17.8	33.6	53	0
0416_05	16 ppm	Day : 23	17.6	34.3	51	0.06
0417_05	16 ppm	Day : 3	17.5	33.1	53	0.14
0417_05	16 ppm	Day : 23	17.5	34.4	51	0.27

## 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
0418_05	16 ppm	Day : 3	17.7	33.6	53	0.83
0418_05	16 ppm	Day : 23	17.5	34.5	51	0.12
0419_05	16 ppm	Day : 3	18	33.9	53	0.14
0419_05	16 ppm	Day : 23	17.6	33.9	52	0.14
0420_05	16 ppm	Day : 3	17.9	33.7	53	0.3
0420_05	16 ppm	Day : 23	17.6	34.7	51	0.24
0601_05	32 ppm	Week : 13	16.2	36.4	45	0.2
0602_05	32 ppm	Week : 13	16.2	36.1	45	0.13
0603_05	32 ppm	Week : 13	16.4	36.8	45	0.21
0604_05	32 ppm	Week : 13	16.4	35.5	46	0.28
0605_05	32 ppm	Week : 13	16.5	35.5	46	0.31
0606_05	32 ppm	Week : 13	16.5	36.3	45	0.31
0607_05	32 ppm	Week : 13	16.3	36.7	44	0.37
0608_05	32 ppm	Week : 13	16.1	35.8	45	0.32
0609_05	32 ppm	Week : 13	16.2	36.9	44	0.15
0610_05	32 ppm	Week : 13	16.1	36	45	0.22
0611_05	32 ppm	Day : 3	17.8	34.3	52	0.18
0611_05	32 ppm	Day : 23	17.6	34.7	51	0.14
0612_05	32 ppm	Day : 3	17.8	33.8	53	0.32
0612_05	32 ppm	Day : 23	17.2	34.3	50	0.12
0613_05	32 ppm	Day : 3	18	33.8	53	0.3

## 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
0613_05	32 ppm	Day : 23	17.3	33.7	51	0.14
0614_05	32 ppm	Day : 3	18	33.7	53	0.16
0614_05	32 ppm	Day : 23	17.8	34.1	52	0.07
0615_05	32 ppm	Day : 3	17.4	33.3	52	0.09
0615_05	32 ppm	Day : 23	17.1	34.3	50	0.31
0616_05	32 ppm	Day : 3	17.8	34.1	52	0.17
0616_05	32 ppm	Day : 23	17.7	34.8	51	0.16
0617_05	32 ppm	Day : 3	17.8	33.8	53	0.17
0617_05	32 ppm	Day : 23	17.6	34.1	51	0.06
0618_05	32 ppm	Day : 3	17.6	34	52	0
0618_05	32 ppm	Day : 23	17.7	34.8	51	0.05
0619_05	32 ppm	Day : 3	17.6	33.3	53	0.17
0619_05	32 ppm	Day : 23	17.4	34.6	50	0
0620_05	32 ppm	Day : 3	17.7	33.9	52	0.16
0620_05	32 ppm	Day : 23	17.7	34.1	52	0.06
0801_05	64 ppm	Week : 13	16.4	37	44	0.11
0802_05	64 ppm	Week : 13	16.4	36	46	0.19
0803_05	64 ppm	Week : 13	16.2	36	45	0.05
0804_05	64 ppm	Week : 13	16.7	36.1	46	0.06
0805_05	64 ppm	Week : 13	16.5	36.6	45	0.17
0806_05	64 ppm	Week : 13	16.5	36.8	45	0.41



## 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
0807_05	64 ppm	Week : 13	16	36.3	44	0.33
0808_05	64 ppm	Week : 13	16.1	35.4	46	0.15
0809_05	64 ppm	Week : 13	16.2	37.1	44	0.1
0810_05	64 ppm	Week : 13	16.1	36	45	0.31
0811_05	64 ppm	Day : 3	17.8	33.7	53	0.52
0811_05	64 ppm	Day : 23	17.7	34.8	51	0.12
0812_05	64 ppm	Day : 3	18.1	34.1	53	0.36
0812_05	64 ppm	Day : 23	18.2	34.9	52	0.11
0813_05	64 ppm	Day : 3	17.7	33.9	52	0.11
0813_05	64 ppm	Day : 23	17.4	34.9	50	0.05
0814_05	64 ppm	Day : 3	17.8	33.9	53	0.19
0814_05	64 ppm	Day : 23	17.6	34.7	51	0.06
0815_05	64 ppm	Day : 3	17.9	33.9	53	0.26
0815_05	64 ppm	Day : 23	17.5	34.5	51	0.11
0816_05	64 ppm	Day : 3	17.8	34.1	52	0.55
0816_05	64 ppm	Day : 23	17.5	34.1	51	0.17
0817_05	64 ppm	Day : 3	17.7	33.5	53	0.59
0817_05	64 ppm	Day : 23	17.7	34.4	51	0.07
0818_05	64 ppm	Day : 3	18	34.2	53	0.29
0818_05	64 ppm	Day : 23	17.3	34.3	51	0.11
0819_05	64 ppm	Day : 3	17.5	34.6	51	0

## 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
0819_05	64 ppm	Day : 23	17.4	34.7	50	0.07
0820_05	64 ppm	Day : 3	17.9	34	53	0.17
0820_05	64 ppm	Day : 23	17.7	34.3	52	0.07
1001_05	128 ppm	Week : 13	16.5	35.9	46	0.2
1002_05	128 ppm	Week : 13	16.3	36.2	45	0.09
1003_05	128 ppm	Week : 13	16.2	35.7	45	0.06
1004_05	128 ppm	Week : 13	16.1	36.2	44	0.32
1005_05	128 ppm	Week : 13	16.4	36.8	45	0.16
1006_05	128 ppm	Week : 13	16.2	36.4	45	0.22
1007_05	128 ppm	Week : 13	16.3	36.5	45	0.25
1008_05	128 ppm	Week : 13	16.6	36.6	45	0.22
1009_05	128 ppm	Week : 13	16.1	36.7	44	0.2
1010_05	128 ppm	Week : 13	16.2	37	44	0.07
1011_05	128 ppm	Day : 3	17.8	34.4	52	0.13
1011_05	128 ppm	Day : 23	17.8	34.9	51	0
1012_05	128 ppm	Day : 3	18.1	34.3	53	0.11
1012_05	128 ppm	Day : 23	15.2	29.7	51	0.15
1013_05	128 ppm	Day : 3	17.5	33.9	52	0.19
1013_05	128 ppm	Day : 23	17.3	34.6	50	0.23
1014_05	128 ppm	Day : 3	17.7	33.9	52	0.11
1014_05	128 ppm	Day : 23	17.3	34.7	50	0.12

Experiment Number: 05183-05

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:02:14

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
1015_05	128 ppm	Day : 3	17.8	33.9	52	0.3
1015_05	128 ppm	Day : 23	18	34.2	53	0
1016_05	128 ppm	Day : 3	18	34.2	53	0
1016_05	128 ppm	Day : 23	17.7	34.8	51	0.13
1017_05	128 ppm	Day : 3	17.5	33.8	52	0.1
1017_05	128 ppm	Day : 23	17.6	34.4	51	0.07
1018_05	128 ppm	Day : 3	17.7	34.4	51	0.08
1018_05	128 ppm	Day : 23	17.6	34.7	51	0.05
1019_05	128 ppm	Day : 3	17.6	33.6	52	0.16
1019_05	128 ppm	Day : 23	17.8	34.2	52	0.11
1020_05	128 ppm	Day : 3	17.6	34.1	52	0.24
1020_05	128 ppm	Day : 23	17.1	33.3	51	0

## 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	618	9.97	150
0002_05	0 ppm	Week : 13	0	502	9.69	194
0003_05	0 ppm	Week : 13	0	512	10.09	121
0004_05	0 ppm	Week : 13	0	618	9.62	241
0005_05	0 ppm	Week : 13	0	679	9.88	227
0006_05	0 ppm	Week : 13	0	546	9.76	205
0007_05	0 ppm	Week : 13	0	509	9.61	154
0008_05	0 ppm	Week : 13	1	494	9.71	155
0009_05	0 ppm	Week : 13	0	651	9.66	135
0010_05	0 ppm	Week : 13	0	575	9.85	236
0011_05	0 ppm	Day : 3	0	654	8.15	342
0011_05	0 ppm	Day : 23	0	637	9.38	150
0012_05	0 ppm	Day : 3	1	558	8.38	327
0012_05	0 ppm	Day : 23	0	536	9.42	207
0013_05	0 ppm	Day : 3	1	743	7.96	263
0013_05	0 ppm	Day : 23	0	567	9.1	228
0014_05	0 ppm	Day : 3	2	768	7.79	351
0014_05	0 ppm	Day : 23	0	625	8.74	184
0015_05	0 ppm	Day : 3	2	767	8.01	417
0015_05	0 ppm	Day : 23	0	637	8.84	248
0016_05	0 ppm	Day : 3	0	685	7.77	435
0016_05	0 ppm	Day : 23	0	625	8.92	312

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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
0017_05	0 ppm	Day : 3	0	651	7.82	493
0017_05	0 ppm	Day : 23	0	656	8.84	194
0018_05	0 ppm	Day : 3	0	715	7.73	325
0018_05	0 ppm	Day : 23	0	645	8.78	228
0019_05	0 ppm	Day : 3	1	876	7.69	300
0019_05	0 ppm	Day : 23	1	644	9.21	322
0020_05	0 ppm	Day : 3	1	566	8.02	249
0020_05	0 ppm	Day : 23	0	665	8.56	300
0201_05	8 ppm	Week : 13	0	571	9.92	129
0202_05	8 ppm	Week : 13	0	562	9.65	97
0203_05	8 ppm	Week : 13	0	559	10.2	112
0204_05	8 ppm	Week : 13	2	574	9.6	154
0205_05	8 ppm	Week : 13	0	496	9.78	293
0206_05	8 ppm	Week : 13	0	505	10.2	235
0207_05	8 ppm	Week : 13	0	524	9.55	162
0208_05	8 ppm	Week : 13	0	546	10.05	221
0209_05	8 ppm	Week : 13	0	561	9.82	162
0210_05	8 ppm	Week : 13	1	560	10.1	182
0211_05	8 ppm	Day : 3	1	882	7.83	446
0211_05	8 ppm	Day : 23	1	623	9.48	209
0212_05	8 ppm	Day : 3	1	815	7.8	328
0212_05	8 ppm	Day : 23	1	634	8.1	219

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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
0212_05	8 ppm	Day : 23	1	634	8.1	219
0213_05	8 ppm	Day : 3	1	776	8.05	419
0213_05	8 ppm	Day : 23	2	634	9.11	182
0214_05	8 ppm	Day : 3	0	809	8.02	409
0214_05	8 ppm	Day : 23	0	594	9.08	227
0215_05	8 ppm	Day : 3	2	714	8.51	357
0215_05	8 ppm	Day : 23	0	570	9.23	222
0216_05	8 ppm	Day : 3	0	894	7.96	223
0216_05	8 ppm	Day : 23	0	652	8.72	244
0217_05	8 ppm	Day : 3	0	827	7.81	406
0217_05	8 ppm	Day : 23	0	640	8.74	236
0218_05	8 ppm	Day : 3	4	875	7.69	508
0218_05	8 ppm	Day : 23	1	613	8.68	191
0219_05	8 ppm	Day : 3	0	659	7.65	405
0219_05	8 ppm	Day : 23	0	632	9.07	190
0220_05	8 ppm	Day : 3	1	791	7.62	442
0220_05	8 ppm	Day : 23	0	632	8.48	263
0401_05	16 ppm	Week : 13	0	509	9.8	127
0402_05	16 ppm	Week : 13	0	536	10.08	192
0403_05	16 ppm	Week : 13	0	512	9.91	109
0404_05	16 ppm	Week : 13	1	353	9.42	207
0405_05	16 ppm	Week : 13	0	535	9.7	272

## 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
0406_05	16 ppm	Week : 13	0	537	9.48	190
0407_05	16 ppm	Week : 13	0	566	10.12	152
0408_05	16 ppm	Week : 13	0	534	9.9	188
0409_05	16 ppm	Week : 13	1	520	9.65	174
0410_05	16 ppm	Week : 13	0	538	9.67	232
0411_05	16 ppm	Day : 3	3	720	8.56	308
0411_05	16 ppm	Day : 23	0	562	9.47	170
0412_05	16 ppm	Day : 3	1	793	7.56	438
0412_05	16 ppm	Day : 23	0	619	8.75	149
0413_05	16 ppm	Day : 3	0	724	7.86	550
0413_05	16 ppm	Day : 23	0	641	8.99	225
0414_05	16 ppm	Day : 3	2	752	7.45	462
0414_05	16 ppm	Day : 23	0	636	8.86	186
0415_05	16 ppm	Day : 3	1	628	8.24	313
0415_05	16 ppm	Day : 23	0	596	9.32	242
0416_05	16 ppm	Day : 3	0	644	8.21	443
0416_05	16 ppm	Day : 23	0	575	9.11	228
0417_05	16 ppm	Day : 3	0	724	8.22	345
0417_05	16 ppm	Day : 23	0	609	8.92	161
0418_05	16 ppm	Day : 3	0	759	8.01	489
0418_05	16 ppm	Day : 23	0	660	8.93	250
0419_05	16 ppm	Day : 3	0	797	7.72	401

## 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
0419_05	16 ppm	Day : 3	0	797	7.72	401
0419_05	16 ppm	Day : 23	1	696	8.86	390
0420_05	16 ppm	Day : 3	0	719	7.66	253
0420_05	16 ppm	Day : 23	0	630	8.88	266
0601_05	32 ppm	Week : 13	0	560	10.13	132
0602_05	32 ppm	Week : 13	0	541	9.76	264
0603_05	32 ppm	Week : 13	1	531	9.77	322
0604_05	32 ppm	Week : 13	0	526	9.56	172
0605_05	32 ppm	Week : 13	0	549	9.52	238
0606_05	32 ppm	Week : 13	0	532	9.42	264
0607_05	32 ppm	Week : 13	0	552	9.64	154
0608_05	32 ppm	Week : 13	2	589	9.92	258
0609_05	32 ppm	Week : 13	0	616	10.09	202
0610_05	32 ppm	Week : 13	0	550	9.9	277
0611_05	32 ppm	Day : 3	1	674	7.69	254
0611_05	32 ppm	Day : 23	0	653	8.69	365
0612_05	32 ppm	Day : 3	1	623	8.45	135
0612_05	32 ppm	Day : 23	1	643	9.16	348
0613_05	32 ppm	Day : 3	2	685	8.01	312
0613_05	32 ppm	Day : 23	0	626	8.82	247
0614_05	32 ppm	Day : 3	1	642	7.99	336
0614_05	32 ppm	Day : 23	0	619	8.77	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
0615_05	32 ppm	Day : 3	1	678	8.76	333
0615_05	32 ppm	Day : 23	0	499	9.34	224
0616_05	32 ppm	Day : 3	1	601	8.32	316
0616_05	32 ppm	Day : 23	0	544	8.58	206
0617_05	32 ppm	Day : 3	0	653	8.04	362
0617_05	32 ppm	Day : 23	0	568	9.11	155
0618_05	32 ppm	Day : 3	0	642	8.3	357
0618_05	32 ppm	Day : 23	0	643	9.09	255
0619_05	32 ppm	Day : 3	0	753	8.23	337
0619_05	32 ppm	Day : 23	0	662	9.15	247
0620_05	32 ppm	Day : 3	0	777	7.81	445
0620_05	32 ppm	Day : 23	0	590	8.81	255
0801_05	64 ppm	Week : 13	0	510	9.89	168
0802_05	64 ppm	Week : 13	0	567	9.62	250
0803_05	64 ppm	Week : 13	0	529	9.5	190
0804_05	64 ppm	Week : 13	0	538	9.3	251
0805_05	64 ppm	Week : 13	0	558	9.48	379
0806_05	64 ppm	Week : 13	0	560	9.52	228
0807_05	64 ppm	Week : 13	0	522	10.1	131
0808_05	64 ppm	Week : 13	1	553	9.35	243
0809_05	64 ppm	Week : 13	0	531	9.64	183
0810_05	64 ppm	Week : 13	0	548	9.92	218

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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
0810_05	64 ppm	Week : 13	0	548	9.92	218
0811_05	64 ppm	Day : 3	2	782	8.1	462
0811_05	64 ppm	Day : 23	0	628	8.59	206
0812_05	64 ppm	Day : 3	1	679	7.79	316
0812_05	64 ppm	Day : 23	1	639	8.5	212
0813_05	64 ppm	Day : 3	1	687	8.6	404
0813_05	64 ppm	Day : 23	0	607	8.91	169
0814_05	64 ppm	Day : 3	2	720	8.42	295
0814_05	64 ppm	Day : 23	0	602	8.87	293
0815_05	64 ppm	Day : 3	1	575	8.21	255
0815_05	64 ppm	Day : 23	1	633	8.81	238
0816_05	64 ppm	Day : 3	1	667	8.48	305
0816_05	64 ppm	Day : 23	0	644	9.11	437
0817_05	64 ppm	Day : 3	1	749	8.21	378
0817_05	64 ppm	Day : 23	0	628	8.76	158
0818_05	64 ppm	Day : 3	1	690	8.11	284
0818_05	64 ppm	Day : 23	0	601	8.95	152
0819_05	64 ppm	Day : 3	0	716	8.52	383
0819_05	64 ppm	Day : 23	0	683	8.84	274
0820_05	64 ppm	Day : 3	1	819	7.95	390
0820_05	64 ppm	Day : 23	2	633	8.62	224
1001_05	128 ppm	Week : 13	0	506	9.94	229

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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
1002_05	128 ppm	Week : 13	0	528	9.69	155
1003_05	128 ppm	Week : 13	0	516	9.61	250
1004_05	128 ppm	Week : 13	0	469	9.77	195
1005_05	128 ppm	Week : 13	0	471	9.81	157
1006_05	128 ppm	Week : 13	0	526	10	160
1007_05	128 ppm	Week : 13	0	534	9.89	158
1008_05	128 ppm	Week : 13	0	457	9.76	195
1009_05	128 ppm	Week : 13	0	519	10.17	203
1010_05	128 ppm	Week : 13	0	531	9.81	265
1011_05	128 ppm	Day : 3	2	683	7.85	495
1011_05	128 ppm	Day : 23	1	621	8.74	262
1012_05	128 ppm	Day : 3	0	708	8.31	382
1012_05	128 ppm	Day : 23	0	645	8.54	265
1013_05	128 ppm	Day : 3	0	709	8.72	227
1013_05	128 ppm	Day : 23	0	609	9.17	257
1014_05	128 ppm	Day : 3	0	759	8.32	366
1014_05	128 ppm	Day : 23	0	582	9.01	243
1015_05	128 ppm	Day : 3	2	712	8.1	429
1015_05	128 ppm	Day : 23	0	678	8.65	355
1016_05	128 ppm	Day : 3	0	819	7.9	632
1016_05	128 ppm	Day : 23	0	633	8.77	228
1017_05	128 ppm	Day : 3	0	731	8.17	392

Experiment Number: 05183-05

Species/Strain: Rat/Fischer 344

**P44: Hematology Data**

Date Report Requested: 10/24/2014

Time Report Requested: 17:02:14

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
1017_05	128 ppm	Day : 3	0	731	8.17	392
1017_05	128 ppm	Day : 23	0	632	8.92	250
1018_05	128 ppm	Day : 3	4	803	8.2	418
1018_05	128 ppm	Day : 23	0	620	8.84	265
1019_05	128 ppm	Day : 3	0	756	8.54	282
1019_05	128 ppm	Day : 23	0	652	9.01	18
1020_05	128 ppm	Day : 3	0	741	8.07	274
1020_05	128 ppm	Day : 23	0	439	8.76	219

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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	1.51	6.3
0002_05	0 ppm	Week : 13	1.5	7.5
0003_05	0 ppm	Week : 13	1.58	6.3
0004_05	0 ppm	Week : 13	2.1	7.5
0005_05	0 ppm	Week : 13	2	8
0006_05	0 ppm	Week : 13	0.92	5.4
0007_05	0 ppm	Week : 13	1.2	4.8
0008_05	0 ppm	Week : 13	1.02	6.8
0009_05	0 ppm	Week : 13	1.09	9.1
0010_05	0 ppm	Week : 13	2.13	8.2
0011_05	0 ppm	Day : 3	0.34	8.5
0011_05	0 ppm	Day : 23	0.51	5.7
0012_05	0 ppm	Day : 3	0.57	8.1
0012_05	0 ppm	Day : 23	0.72	4.8
0013_05	0 ppm	Day : 3	0.08	7.9
0013_05	0 ppm	Day : 23	0.18	6
0014_05	0 ppm	Day : 3	0.75	7.5
0014_05	0 ppm	Day : 23	0.58	5.1
0015_05	0 ppm	Day : 3	0.38	7.7
0015_05	0 ppm	Day : 23	0.54	5.4
0016_05	0 ppm	Day : 3	0.32	8.1
0016_05	0 ppm	Day : 23	0.36	4.5

Experiment Number: 05183-05

Species/Strain: Rat/Fischer 344

**P44: Hematology Data**

Date Report Requested: 10/24/2014

Time Report Requested: 17:02:15

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
0017_05	0 ppm	Day : 3	0.55	7.8
0017_05	0 ppm	Day : 23	0.82	6.3
0018_05	0 ppm	Day : 3	0.11	5.7
0018_05	0 ppm	Day : 23	0.85	6.1
0019_05	0 ppm	Day : 3	0.75	6.8
0019_05	0 ppm	Day : 23	0.76	5.8
0020_05	0 ppm	Day : 3	0.23	5.6
0020_05	0 ppm	Day : 23	0.76	6.3
0201_05	8 ppm	Week : 13	1.08	6
0202_05	8 ppm	Week : 13	0.53	4.4
0203_05	8 ppm	Week : 13	0.88	5.2
0204_05	8 ppm	Week : 13	1.04	5.8
0205_05	8 ppm	Week : 13	1.16	5.8
0206_05	8 ppm	Week : 13	0.81	5.4
0207_05	8 ppm	Week : 13	1.02	5.1
0208_05	8 ppm	Week : 13	1.1	5.5
0209_05	8 ppm	Week : 13	0.59	5.4
0210_05	8 ppm	Week : 13	1.05	6.5
0211_05	8 ppm	Day : 3	0.58	8.2
0211_05	8 ppm	Day : 23	0.34	5.6
0212_05	8 ppm	Day : 3	0.91	7.6
0212_05	8 ppm	Day : 23	0.32	5.3

Experiment Number: 05183-05

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:02:15

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
0212_05	8 ppm	Day : 23	0.32	5.3
0213_05	8 ppm	Day : 3	0.36	9
0213_05	8 ppm	Day : 23	0.33	5.5
0214_05	8 ppm	Day : 3	0.23	7.7
0214_05	8 ppm	Day : 23	0.34	6.7
0215_05	8 ppm	Day : 3	0.55	9.1
0215_05	8 ppm	Day : 23	0.23	5.7
0216_05	8 ppm	Day : 3	0.41	8.1
0216_05	8 ppm	Day : 23	0.32	5.3
0217_05	8 ppm	Day : 3	0.59	7.4
0217_05	8 ppm	Day : 23	0.51	5.7
0218_05	8 ppm	Day : 3	0.18	5.9
0218_05	8 ppm	Day : 23	0.45	5
0219_05	8 ppm	Day : 3	0.38	6.4
0219_05	8 ppm	Day : 23	0.31	6.1
0220_05	8 ppm	Day : 3	0.4	6.6
0220_05	8 ppm	Day : 23	0.78	6.5
0401_05	16 ppm	Week : 13	0.56	6.2
0402_05	16 ppm	Week : 13	0.55	6.1
0403_05	16 ppm	Week : 13	0.99	5.5
0404_05	16 ppm	Week : 13	0.9	7.5
0405_05	16 ppm	Week : 13	0.91	4.8

Experiment Number: 05183-05

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:02:15

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
0406_05	16 ppm	Week : 13	0.99	5.8
0407_05	16 ppm	Week : 13	0.95	5.6
0408_05	16 ppm	Week : 13	0.99	5.5
0409_05	16 ppm	Week : 13	0.71	4.5
0410_05	16 ppm	Week : 13	0.52	5.2
0411_05	16 ppm	Day : 3	0.58	8
0411_05	16 ppm	Day : 23	0.48	6.9
0412_05	16 ppm	Day : 3	0.5	7.1
0412_05	16 ppm	Day : 23	0.38	7.6
0413_05	16 ppm	Day : 3	0.29	7.3
0413_05	16 ppm	Day : 23	0.28	5.6
0414_05	16 ppm	Day : 3	0.49	6.2
0414_05	16 ppm	Day : 23	0.38	6.4
0415_05	16 ppm	Day : 3	0.62	8.8
0415_05	16 ppm	Day : 23	0.43	4.3
0416_05	16 ppm	Day : 3	0.07	7.4
0416_05	16 ppm	Day : 23	0.66	5.5
0417_05	16 ppm	Day : 3	0.49	7
0417_05	16 ppm	Day : 23	0.4	6.7
0418_05	16 ppm	Day : 3	0.66	8.3
0418_05	16 ppm	Day : 23	0.72	6
0419_05	16 ppm	Day : 3	0.21	7.1



Experiment Number: 05183-05

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:02:15

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
0419_05	16 ppm	Day : 3	0.21	7.1
0419_05	16 ppm	Day : 23	1.87	6.9
0420_05	16 ppm	Day : 3	0.52	7.4
0420_05	16 ppm	Day : 23	0.71	5.9
0601_05	32 ppm	Week : 13	1.01	6.7
0602_05	32 ppm	Week : 13	0.73	6.6
0603_05	32 ppm	Week : 13	1.21	7.1
0604_05	32 ppm	Week : 13	0.76	6.9
0605_05	32 ppm	Week : 13	0.85	6.1
0606_05	32 ppm	Week : 13	1.46	6.1
0607_05	32 ppm	Week : 13	1.24	7.3
0608_05	32 ppm	Week : 13	0.58	6.5
0609_05	32 ppm	Week : 13	1.02	7.3
0610_05	32 ppm	Week : 13	1.24	5.4
0611_05	32 ppm	Day : 3	0.48	6
0611_05	32 ppm	Day : 23	0.76	6.9
0612_05	32 ppm	Day : 3	0.16	8
0612_05	32 ppm	Day : 23	0.36	6
0613_05	32 ppm	Day : 3	0.82	7.5
0613_05	32 ppm	Day : 23	0.53	4.8
0614_05	32 ppm	Day : 3	0.87	7.9
0614_05	32 ppm	Day : 23	0.57	7.1

Experiment Number: 05183-05

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:02:15

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
0615_05	32 ppm	Day : 3	0.69	8.6
0615_05	32 ppm	Day : 23	0.55	6.1
0616_05	32 ppm	Day : 3	0.08	8.3
0616_05	32 ppm	Day : 23	0.68	5.2
0617_05	32 ppm	Day : 3	0.42	8.3
0617_05	32 ppm	Day : 23	0.31	6.1
0618_05	32 ppm	Day : 3	0.3	10.1
0618_05	32 ppm	Day : 23	0.3	5
0619_05	32 ppm	Day : 3	0.7	8.7
0619_05	32 ppm	Day : 23	0.79	6.1
0620_05	32 ppm	Day : 3	0.39	7.8
0620_05	32 ppm	Day : 23	0.4	5.7
0801_05	64 ppm	Week : 13	1.08	5.7
0802_05	64 ppm	Week : 13	0.68	6.2
0803_05	64 ppm	Week : 13	0.59	4.9
0804_05	64 ppm	Week : 13	0.65	5.9
0805_05	64 ppm	Week : 13	1.57	5.8
0806_05	64 ppm	Week : 13	0.81	5.8
0807_05	64 ppm	Week : 13	0.86	6.6
0808_05	64 ppm	Week : 13	0.83	7.5
0809_05	64 ppm	Week : 13	1.22	5.1
0810_05	64 ppm	Week : 13	0.99	6.2

Experiment Number: 05183-05

Species/Strain: Rat/Fischer 344

**P44: Hematology Data**

Date Report Requested: 10/24/2014

Time Report Requested: 17:02:15

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
0810_05	64 ppm	Week : 13	0.99	6.2
0811_05	64 ppm	Day : 3	0.17	8.6
0811_05	64 ppm	Day : 23	0.89	5.9
0812_05	64 ppm	Day : 3	0.9	9
0812_05	64 ppm	Day : 23	0.49	5.4
0813_05	64 ppm	Day : 3	0.76	10.9
0813_05	64 ppm	Day : 23	0.27	5.4
0814_05	64 ppm	Day : 3	0	9.4
0814_05	64 ppm	Day : 23	0.35	5.8
0815_05	64 ppm	Day : 3	0.7	8.7
0815_05	64 ppm	Day : 23	0.72	5.5
0816_05	64 ppm	Day : 3	0.16	7.8
0816_05	64 ppm	Day : 23	0.9	5.6
0817_05	64 ppm	Day : 3	1.09	9.9
0817_05	64 ppm	Day : 23	0.52	7.4
0818_05	64 ppm	Day : 3	0.57	9.5
0818_05	64 ppm	Day : 23	0.33	5.5
0819_05	64 ppm	Day : 3	0.8	8
0819_05	64 ppm	Day : 23	1.12	7
0820_05	64 ppm	Day : 3	0.25	8.4
0820_05	64 ppm	Day : 23	1.08	6.8
1001_05	128 ppm	Week : 13	0.4	6.7

Experiment Number: 05183-05

Species/Strain: Rat/Fischer 344

**P44: Hematology Data**

Date Report Requested: 10/24/2014

Time Report Requested: 17:02:15

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
1002_05	128 ppm	Week : 13	1.1	4.6
1003_05	128 ppm	Week : 13	0.77	5.9
1004_05	128 ppm	Week : 13	0.45	6.4
1005_05	128 ppm	Week : 13	1.08	5.4
1006_05	128 ppm	Week : 13	0.73	5.6
1007_05	128 ppm	Week : 13	0.92	5.1
1008_05	128 ppm	Week : 13	1.24	5.4
1009_05	128 ppm	Week : 13	0.95	5
1010_05	128 ppm	Week : 13	1.56	6.8
1011_05	128 ppm	Day : 3	0.25	6.4
1011_05	128 ppm	Day : 23	0.46	5.1
1012_05	128 ppm	Day : 3	0.44	10.9
1012_05	128 ppm	Day : 23	0.29	7.3
1013_05	128 ppm	Day : 3	0.47	9.3
1013_05	128 ppm	Day : 23	0.74	5.7
1014_05	128 ppm	Day : 3	0.64	10.7
1014_05	128 ppm	Day : 23	0.41	5.8
1015_05	128 ppm	Day : 3	0.3	10
1015_05	128 ppm	Day : 23	0.64	5.8
1016_05	128 ppm	Day : 3	0.33	6.5
1016_05	128 ppm	Day : 23	0.7	6.4
1017_05	128 ppm	Day : 3	0.96	9.6

Experiment Number: 05183-05

Species/Strain: Rat/Fischer 344

**P44: Hematology Data**

Date Report Requested: 10/24/2014

Time Report Requested: 17:02:15

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
1017_05	128 ppm	Day : 3	0.96	9.6
1017_05	128 ppm	Day : 23	0.41	6.8
1018_05	128 ppm	Day : 3	1.01	8.4
1018_05	128 ppm	Day : 23	0.36	5.2
1019_05	128 ppm	Day : 3	0.08	8.1
1019_05	128 ppm	Day : 23	0.4	5.7
1020_05	128 ppm	Day : 3	0.24	8
1020_05	128 ppm	Day : 23	0.58	5.3

## FEMALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0101_05	0 ppm	Week : 13	0.095	44.6	16	3.14
0102_05	0 ppm	Week : 13	0.053	43.7	15.7	3.74
0103_05	0 ppm	Week : 13	0.146	45	16.3	3.06
0104_05	0 ppm	Week : 13	0.045	44.3	16	2.79
0105_05	0 ppm	Week : 13	0.065	43.4	15.9	4.75
0106_05	0 ppm	Week : 13	0.057	44.1	15.9	4.56
0107_05	0 ppm	Week : 13	0	43.1	15.5	4.26
0108_05	0 ppm	Week : 13	0	42.8	15.4	5.16
0109_05	0 ppm	Week : 13	0	44.7	16.3	2.81
0110_05	0 ppm	Week : 13	0	44.2	15.9	3.7
0111_05	0 ppm	Day : 3	0.166	44.6	15.1	7.3
0111_05	0 ppm	Day : 23	0	46.4	16	4.21
0112_05	0 ppm	Day : 3	0	46.1	15.4	8.14
0112_05	0 ppm	Day : 23	0.138	47.5	16.1	4.9
0113_05	0 ppm	Day : 3	0	46.5	15.7	6.96
0113_05	0 ppm	Day : 23	0	49.9	17	5.94
0114_05	0 ppm	Day : 3	0	43.3	14.4	6.5
0114_05	0 ppm	Day : 23	0	47.4	16	5.15
0115_05	0 ppm	Day : 3	0.079	45.1	14.9	7.27
0115_05	0 ppm	Day : 23	0	49	17	5.39
0116_05	0 ppm	Day : 3	0	43.3	14.6	7.3
0116_05	0 ppm	Day : 23	0	46	16	5.13

## FEMALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0117_05	0 ppm	Day : 3	0	45.7	15	6.55
0117_05	0 ppm	Day : 23	0.054	46.5	15.9	4.27
0118_05	0 ppm	Day : 3	0	44.9	15.1	8.01
0118_05	0 ppm	Day : 23	0	47.8	16.5	6.94
0119_05	0 ppm	Day : 3	0	47.2	15.8	6.75
0119_05	0 ppm	Day : 23	0.043	49.1	17	3.87
0120_05	0 ppm	Day : 3	0.084	46.4	15.5	7.64
0120_05	0 ppm	Day : 23	0.153	47.3	16.3	4.64
0301_05	8 ppm	Week : 13	0	45.4	16.6	5.02
0302_05	8 ppm	Week : 13	0.108	44.9	16.3	3.89
0303_05	8 ppm	Week : 13	0	45.6	16.7	3.69
0304_05	8 ppm	Week : 13	0.043	45.9	16.6	3.48
0305_05	8 ppm	Week : 13	0	45.1	16.3	5.02
0306_05	8 ppm	Week : 13	0	45.9	16.9	5.73
0307_05	8 ppm	Week : 13	0	44.7	16.3	5.4
0308_05	8 ppm	Week : 13	0	45	16.5	5.4
0309_05	8 ppm	Week : 13	0	44.2	16	4.08
0310_05	8 ppm	Week : 13	0	44.9	16.3	3.34
0311_05	8 ppm	Day : 3	0	44.6	15.2	8.36
0311_05	8 ppm	Day : 23	0	46.9	16.4	5.49
0312_05	8 ppm	Day : 3	0.109	45.9	15.1	9.81
0312_05	8 ppm	Day : 23	0	47.8	16.3	6.36

## FEMALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0312_05	8 ppm	Day : 23	0	47.8	16.3	6.36
0313_05	8 ppm	Day : 3	0.041	43.6	14.6	3.69
0313_05	8 ppm	Day : 23	0	48.3	16.7	4.47
0314_05	8 ppm	Day : 3	0.093	46.5	15.4	8.09
0314_05	8 ppm	Day : 23	0.059	48.7	16.4	5.31
0315_05	8 ppm	Day : 3	0.099	45	15.4	9.31
0315_05	8 ppm	Day : 23	0	46.6	15.9	5.58
0316_05	8 ppm	Day : 3	0.196	43.9	14.6	8.92
0316_05	8 ppm	Day : 23	0.053	45.9	15.8	3.82
0317_05	8 ppm	Day : 3	0	44.5	14.9	7.31
0317_05	8 ppm	Day : 23	0.042	46	16.1	3.57
0318_05	8 ppm	Day : 3	0.096	45.9	15.3	7.87
0318_05	8 ppm	Day : 23	0.041	46.8	16.2	3.17
0319_05	8 ppm	Day : 3	0.176	45.1	15	8.03
0319_05	8 ppm	Day : 23	0.049	45.6	16	4.31
0320_05	8 ppm	Day : 3	0	43.4	14.6	8.02
0320_05	8 ppm	Day : 23	0.112	46.1	15.6	4.76
0501_05	16 ppm	Week : 13	0.062	45.4	16.8	5.39
0502_05	16 ppm	Week : 13	0.048	45	16.4	3.89
0503_05	16 ppm	Week : 13	0	45.1	16.6	4.09
0504_05	16 ppm	Week : 13	0.05	45.1	16.4	4.25
0505_05	16 ppm	Week : 13	0.086	42.8	15.5	3.83



## FEMALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0506_05	16 ppm	Week : 13	0.126	45	16.5	3.36
0507_05	16 ppm	Week : 13	0	44.6	16.2	3.87
0508_05	16 ppm	Week : 13	0.102	43.8	16	2.79
0509_05	16 ppm	Week : 13	0	45.7	16.6	4.74
0510_05	16 ppm	Week : 13	0	44.1	16.1	3.48
0511_05	16 ppm	Day : 3	0	47.3	15.9	8.18
0511_05	16 ppm	Day : 23	0	46.1	16	4.95
0512_05	16 ppm	Day : 3	0.172	44.7	14.9	7.65
0512_05	16 ppm	Day : 23	0.136	49.6	17	5.92
0513_05	16 ppm	Day : 3	0.093	46	15.6	8.65
0513_05	16 ppm	Day : 23	0.062	47.2	16.5	5.58
0514_05	16 ppm	Day : 3	0	43.6	14.8	8.1
0514_05	16 ppm	Day : 23	0.049	46.4	15.9	4.41
0515_05	16 ppm	Day : 3	0	42.6	14.5	7.33
0515_05	16 ppm	Day : 23	0	46.9	16.2	5.43
0516_05	16 ppm	Day : 3	0	45.6	15.4	8.09
0516_05	16 ppm	Day : 23	0	48.5	16.7	5.84
0517_05	16 ppm	Day : 3	0	43.9	14.7	7.44
0517_05	16 ppm	Day : 23	0.138	45.6	15.6	6.14
0518_05	16 ppm	Day : 3	0	43.6	14.6	7.72
0518_05	16 ppm	Day : 23	0.06	47.4	16.5	5.83
0519_05	16 ppm	Day : 3	0.072	45.8	15.4	6.62

## FEMALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0519_05	16 ppm	Day : 3	0.072	45.8	15.4	6.62
0519_05	16 ppm	Day : 23	0	45.8	15.8	3.65
0520_05	16 ppm	Day : 3	0	46.5	15.4	9.02
0520_05	16 ppm	Day : 23	0.09	47.3	16.3	3.87
0701_05	32 ppm	Week : 13	0.04	47.3	17.3	2.84
0702_05	32 ppm	Week : 13	0	44.3	16	2.93
0703_05	32 ppm	Week : 13	0.04	45.1	16.3	3.24
0704_05	32 ppm	Week : 13	0	44.9	16.3	4.98
0705_05	32 ppm	Week : 13	0	45.4	16.5	5.25
0706_05	32 ppm	Week : 13	0.046	43.7	15.7	3.77
0707_05	32 ppm	Week : 13	0	45.6	16.7	4.84
0708_05	32 ppm	Week : 13	0	45.3	16.4	4
0709_05	32 ppm	Week : 13	0	45.2	16.2	4.98
0710_05	32 ppm	Week : 13	0.162	42.3	15.4	4.27
0711_05	32 ppm	Day : 3	0	43.6	14.5	7.13
0711_05	32 ppm	Day : 23	0.073	47.7	16.2	6.79
0712_05	32 ppm	Day : 3	0.1	45.3	15.2	8.9
0712_05	32 ppm	Day : 23	0	45.6	15.8	5.3
0713_05	32 ppm	Day : 3	0.089	44.2	14.9	8.28
0713_05	32 ppm	Day : 23	0	46.9	16.3	5.06
0714_05	32 ppm	Day : 3	0.098	46.5	15.3	9.11
0714_05	32 ppm	Day : 23	0	47.5	16	5.1

## FEMALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0715_05	32 ppm	Day : 3	0	48.4	16.2	10.65
0715_05	32 ppm	Day : 23	0.069	47.7	16.3	6.21
0716_05	32 ppm	Day : 3	0	43.8	14.4	7.3
0716_05	32 ppm	Day : 23	0.168	44.2	15.4	7.48
0717_05	32 ppm	Day : 3	0.164	43.4	14.3	7.15
0717_05	32 ppm	Day : 23	0.059	47.5	16.1	5.31
0718_05	32 ppm	Day : 3	0.09	45	15.3	7.92
0718_05	32 ppm	Day : 23	0	46.1	16	2.57
0719_05	32 ppm	Day : 3	0	45.9	15.5	6.81
0719_05	32 ppm	Day : 23	0	46.7	16.3	3.28
0720_05	32 ppm	Day : 3	0	44.5	14.9	6.87
0720_05	32 ppm	Day : 23	0.136	47.2	16.4	5.58
0901_05	64 ppm	Week : 13	0.061	44.3	16.1	5.12
0902_05	64 ppm	Week : 13	0.042	44.3	16.2	3.28
0903_05	64 ppm	Week : 13	0.075	42.1	15.2	6.45
0904_05	64 ppm	Week : 13	0.041	44.6	16.2	3.49
0905_05	64 ppm	Week : 13	0	43.4	16.1	3.4
0906_05	64 ppm	Week : 13	0.049	44.5	16	4.02
0907_05	64 ppm	Week : 13	0	43.3	15.7	3.61
0908_05	64 ppm	Week : 13	0	42.9	15.5	4.05
0909_05	64 ppm	Week : 13	0.122	45.7	16.7	5.31
0910_05	64 ppm	Week : 13	0	47	17.3	3.64

## FEMALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
0910_05	64 ppm	Week : 13	0	47	17.3	3.64
0911_05	64 ppm	Day : 3	0.147	42.9	14.4	6.01
0911_05	64 ppm	Day : 23	0.055	46.7	16.4	4.79
0912_05	64 ppm	Day : 3	0	44.5	14.7	8.9
0912_05	64 ppm	Day : 23	0	48.3	16.6	5.36
0913_05	64 ppm	Day : 3	0	45	15.2	8.91
0913_05	64 ppm	Day : 23	0.064	47.6	16.4	5.76
0914_05	64 ppm	Day : 3	0	53	18	10.13
0915_05	64 ppm	Day : 3	0	47.4	15.8	10.79
0915_05	64 ppm	Day : 23	0	45.3	15.6	6.39
0916_05	64 ppm	Day : 3	0	44.7	15.1	11.04
0916_05	64 ppm	Day : 23	0.058	44.6	15.1	4.99
0917_05	64 ppm	Day : 3	0.095	44.2	15.1	8.47
0917_05	64 ppm	Day : 23	0.12	47.4	16.2	5.52
0918_05	64 ppm	Day : 3	0.188	45.6	15.6	8.55
0918_05	64 ppm	Day : 23	0	47	16.1	4.03
0919_05	64 ppm	Day : 3	0.096	45.3	15.4	9.02
0919_05	64 ppm	Day : 23	0	47.4	16.4	5.45
0920_05	64 ppm	Day : 3	0.172	45.7	15.4	7.74
0920_05	64 ppm	Day : 23	0.11	47.2	16.6	4.9
1101_05	128 ppm	Week : 13	0.152	43.3	15.8	6.76
1102_05	128 ppm	Week : 13	0.178	44.3	16.5	7.21

## FEMALE

Animal No.	Dose	Time In Study	Eosinophil Count	Hematocrit %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
1103_05	128 ppm	Week : 13	0.044	45.2	16.3	3.43
1104_05	128 ppm	Week : 13	0	45.8	16.6	3.85
1105_05	128 ppm	Week : 13	0.118	45.9	16.7	4.72
1106_05	128 ppm	Week : 13	0	44.5	16.4	5.4
1107_05	128 ppm	Week : 13	0.102	43.6	16	4.54
1108_05	128 ppm	Week : 13	0.034	45.2	16.3	3.06
1109_05	128 ppm	Week : 13	0.112	44.5	16.4	4.54
1110_05	128 ppm	Week : 13	0	45.7	16.7	4.26
1111_05	128 ppm	Day : 3	0	44.9	15.4	9.59
1111_05	128 ppm	Day : 23	0	47.6	16.4	5.19
1112_05	128 ppm	Day : 3	0	44.5	15	8.74
1112_05	128 ppm	Day : 23	0	47.5	16.4	5.13
1113_05	128 ppm	Day : 3	0	46.2	15.8	9.58
1113_05	128 ppm	Day : 23	0	46.8	16	5.24
1114_05	128 ppm	Day : 3	0.105	44.1	15	9.66
1114_05	128 ppm	Day : 23	0.134	47.4	16.5	6.1
1115_05	128 ppm	Day : 3	0.105	45.8	15.7	9.65
1115_05	128 ppm	Day : 23	0	46.7	15.9	6.32
1116_05	128 ppm	Day : 3	0	43.9	14.6	7.73
1116_05	128 ppm	Day : 23	0	45.2	15.6	4.91
1117_05	128 ppm	Day : 3	0.192	47.3	15.8	8.54
1117_05	128 ppm	Day : 23	0	47.5	16.4	5.43

Experiment Number: 05183-05

Species/Strain: Rat/Fischer 344

**P44: Hematology Data**

Date Report Requested: 10/24/2014

Time Report Requested: 17:02:16

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
1117_05	128 ppm	Day : 23	0	47.5	16.4	5.43
1118_05	128 ppm	Day : 3	0	41.9	14.3	8.28
1118_05	128 ppm	Day : 23	0.062	47	16.2	6.05
1119_05	128 ppm	Day : 3	0	47.7	16.4	9.49
1119_05	128 ppm	Day : 23	0.122	46.6	15.9	4.94
1120_05	128 ppm	Day : 3	0.091	47.3	16	8.19
1120_05	128 ppm	Day : 23	0	46.7	16.3	5.49

## 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
0101_05	0 ppm	Week : 13	17.4	35.9	49	0.24
0102_05	0 ppm	Week : 13	17.3	35.9	48	0.16
0103_05	0 ppm	Week : 13	17.8	36.2	49	0.24
0104_05	0 ppm	Week : 13	17.4	36.1	48	0.27
0105_05	0 ppm	Week : 13	17.6	36.6	48	0.13
0106_05	0 ppm	Week : 13	17.4	36.1	48	0.23
0107_05	0 ppm	Week : 13	17.4	36	48	0.05
0108_05	0 ppm	Week : 13	17.3	36	48	0.15
0109_05	0 ppm	Week : 13	17.8	36.5	49	0.61
0110_05	0 ppm	Week : 13	17.4	36	48	0.17
0111_05	0 ppm	Day : 3	18	33.9	53	0.25
0111_05	0 ppm	Day : 23	17.8	34.5	52	0.11
0112_05	0 ppm	Day : 3	17.5	33.4	53	0.09
0112_05	0 ppm	Day : 23	17.5	33.9	52	0
0113_05	0 ppm	Day : 3	17.8	33.8	53	0
0113_05	0 ppm	Day : 23	17.4	34.1	51	0.07
0114_05	0 ppm	Day : 3	18	33.3	54	0.21
0114_05	0 ppm	Day : 23	18.2	33.8	54	0.06
0115_05	0 ppm	Day : 3	17.6	33	53	0.16
0115_05	0 ppm	Day : 23	17.7	34.7	51	0.19
0116_05	0 ppm	Day : 3	17.8	33.7	53	0.17

## 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
0116_05	0 ppm	Day : 23	17.8	34.8	51	0.17
0117_05	0 ppm	Day : 3	17.3	32.8	53	0.15
0117_05	0 ppm	Day : 23	17.5	34.2	51	0.05
0118_05	0 ppm	Day : 3	17.8	33.6	53	0.09
0118_05	0 ppm	Day : 23	17.6	34.5	51	0.07
0119_05	0 ppm	Day : 3	17.6	33.5	53	0.15
0119_05	0 ppm	Day : 23	17.6	34.6	51	0.21
0120_05	0 ppm	Day : 3	17.5	33.4	52	0.08
0120_05	0 ppm	Day : 23	17.8	34.5	52	0.05
0301_05	8 ppm	Week : 13	17.4	36.6	48	0.35
0302_05	8 ppm	Week : 13	17.4	36.3	48	0.22
0303_05	8 ppm	Week : 13	17.6	36.6	48	0.23
0304_05	8 ppm	Week : 13	17.5	36.2	48	0.04
0305_05	8 ppm	Week : 13	17.4	36.1	48	0.05
0306_05	8 ppm	Week : 13	17.7	36.8	48	0.06
0307_05	8 ppm	Week : 13	17.8	36.5	49	0.06
0308_05	8 ppm	Week : 13	17.6	36.7	48	0.18
0309_05	8 ppm	Week : 13	17.7	36.2	49	0.15
0310_05	8 ppm	Week : 13	17.6	36.3	48	0.11
0311_05	8 ppm	Day : 3	18	34.1	53	0.19
0311_05	8 ppm	Day : 23	17.7	35	51	0.06



## 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
0312_05	8 ppm	Day : 3	17.5	32.9	53	0.55
0312_05	8 ppm	Day : 23	17.7	34.1	52	0.15
0313_05	8 ppm	Day : 3	17.8	33.5	53	0.16
0313_05	8 ppm	Day : 23	18.3	34.6	53	0.1
0314_05	8 ppm	Day : 3	17.5	33.1	53	0.19
0314_05	8 ppm	Day : 23	17.6	33.7	52	0.18
0315_05	8 ppm	Day : 3	18	34.2	53	0.1
0315_05	8 ppm	Day : 23	17.6	34.1	52	0
0316_05	8 ppm	Day : 3	17.6	33.3	53	0.2
0316_05	8 ppm	Day : 23	18	34.4	52	0.32
0317_05	8 ppm	Day : 3	17.7	33.5	53	0.17
0317_05	8 ppm	Day : 23	18.4	35	53	0.21
0318_05	8 ppm	Day : 3	17.7	33.3	53	0.1
0318_05	8 ppm	Day : 23	17.9	34.6	52	0.04
0319_05	8 ppm	Day : 3	17.9	33.3	54	0
0319_05	8 ppm	Day : 23	18.6	35.1	53	0.05
0320_05	8 ppm	Day : 3	18	33.6	53	0.17
0320_05	8 ppm	Day : 23	18.3	33.8	54	0.11
0501_05	16 ppm	Week : 13	17.6	37	47	0.37
0502_05	16 ppm	Week : 13	17.4	36.4	48	0.19
0503_05	16 ppm	Week : 13	17.5	36.8	47	0.14

## 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
0504_05	16 ppm	Week : 13	17.4	36.4	48	0.15
0505_05	16 ppm	Week : 13	17.4	36.2	48	0.13
0506_05	16 ppm	Week : 13	17.5	36.7	48	0.17
0507_05	16 ppm	Week : 13	17.6	36.3	48	0.09
0508_05	16 ppm	Week : 13	17.5	36.5	48	0.2
0509_05	16 ppm	Week : 13	17.5	36.3	48	0.12
0510_05	16 ppm	Week : 13	17.3	36.5	47	0
0511_05	16 ppm	Day : 3	17.6	33.6	52	0.19
0511_05	16 ppm	Day : 23	17.7	34.7	51	0.17
0512_05	16 ppm	Day : 3	17.9	33.3	54	0.17
0512_05	16 ppm	Day : 23	18	34.3	52	0.14
0513_05	16 ppm	Day : 3	18	33.9	53	0
0513_05	16 ppm	Day : 23	18.2	35	52	0.12
0514_05	16 ppm	Day : 3	17.9	33.9	53	0.18
0514_05	16 ppm	Day : 23	17.9	34.3	52	0
0515_05	16 ppm	Day : 3	18.2	34	53	0
0515_05	16 ppm	Day : 23	18.4	34.5	53	0
0516_05	16 ppm	Day : 3	17.9	33.8	53	0.19
0516_05	16 ppm	Day : 23	17.9	34.4	52	0.21
0517_05	16 ppm	Day : 3	18.3	33.5	55	0.16
0517_05	16 ppm	Day : 23	18.4	34.2	54	0.14

## 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
0518_05	16 ppm	Day : 3	18	33.5	54	0.08
0518_05	16 ppm	Day : 23	18.2	34.8	52	0.06
0519_05	16 ppm	Day : 3	17.6	33.6	52	0.07
0519_05	16 ppm	Day : 23	17.8	34.5	51	0
0520_05	16 ppm	Day : 3	17.7	33.1	54	0.19
0520_05	16 ppm	Day : 23	18	34.5	52	0
0701_05	32 ppm	Week : 13	17.4	36.6	48	0.12
0702_05	32 ppm	Week : 13	17.5	36.1	48	0.15
0703_05	32 ppm	Week : 13	17.3	36.1	48	0.04
0704_05	32 ppm	Week : 13	17.5	36.3	48	0.12
0705_05	32 ppm	Week : 13	17.4	36.3	48	0.18
0706_05	32 ppm	Week : 13	17.5	35.9	49	0.05
0707_05	32 ppm	Week : 13	17.5	36.6	48	0.06
0708_05	32 ppm	Week : 13	17.4	36.2	48	0.19
0709_05	32 ppm	Week : 13	17.2	35.8	48	0.06
0710_05	32 ppm	Week : 13	17.6	36.4	48	0.38
0711_05	32 ppm	Day : 3	17.9	33.3	54	0.24
0711_05	32 ppm	Day : 23	17.9	34	53	0.07
0712_05	32 ppm	Day : 3	17.9	33.6	53	0.3
0712_05	32 ppm	Day : 23	18	34.6	52	0
0713_05	32 ppm	Day : 3	18	33.7	53	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
0713_05	32 ppm	Day : 23	18.5	34.8	53	0.06
0714_05	32 ppm	Day : 3	17.7	32.9	54	0.2
0714_05	32 ppm	Day : 23	18.2	33.7	54	0
0715_05	32 ppm	Day : 3	17.6	33.5	53	0
0715_05	32 ppm	Day : 23	17.8	34.2	52	0.21
0716_05	32 ppm	Day : 3	17.5	32.9	53	0.08
0716_05	32 ppm	Day : 23	18.4	34.8	53	0.25
0717_05	32 ppm	Day : 3	17.8	32.9	54	0.16
0717_05	32 ppm	Day : 23	18.1	33.9	53	0.06
0718_05	32 ppm	Day : 3	17.7	34	52	0.09
0718_05	32 ppm	Day : 23	18	34.7	52	0.06
0719_05	32 ppm	Day : 3	17.8	33.8	53	0.15
0719_05	32 ppm	Day : 23	18.1	34.9	52	0
0720_05	32 ppm	Day : 3	17.8	33.5	53	0.26
0720_05	32 ppm	Day : 23	18.1	34.7	52	0.27
0901_05	64 ppm	Week : 13	17.4	36.3	48	0.18
0902_05	64 ppm	Week : 13	17.7	36.6	48	0.17
0903_05	64 ppm	Week : 13	17.3	36.1	48	0.15
0904_05	64 ppm	Week : 13	17.6	36.3	49	0.12
0905_05	64 ppm	Week : 13	17.7	37.1	48	0.04
0906_05	64 ppm	Week : 13	17.1	36	48	0.15

## 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
0907_05	64 ppm	Week : 13	17.4	36.3	48	0.04
0908_05	64 ppm	Week : 13	17.2	36.1	48	0.09
0909_05	64 ppm	Week : 13	17.4	36.5	48	0.12
0910_05	64 ppm	Week : 13	17.5	36.8	48	0.16
0911_05	64 ppm	Day : 3	17.6	33.6	53	0.07
0911_05	64 ppm	Day : 23	18.4	35.1	52	0.11
0912_05	64 ppm	Day : 3	17.2	33	52	0.1
0912_05	64 ppm	Day : 23	18.1	34.4	53	0.13
0913_05	64 ppm	Day : 3	18	33.8	53	0.3
0913_05	64 ppm	Day : 23	17.9	34.5	52	0.13
0914_05	64 ppm	Day : 3	17.4	34	51	0.11
0915_05	64 ppm	Day : 3	17.6	33.3	53	0.12
0915_05	64 ppm	Day : 23	17.8	34.4	52	0
0916_05	64 ppm	Day : 3	17.6	33.8	52	0
0916_05	64 ppm	Day : 23	17.8	33.9	52	0.12
0917_05	64 ppm	Day : 3	17.6	34.2	52	0.29
0917_05	64 ppm	Day : 23	18.2	34.2	53	0.06
0918_05	64 ppm	Day : 3	18.1	34.2	53	0.09
0918_05	64 ppm	Day : 23	17.8	34.3	52	0.1
0919_05	64 ppm	Day : 3	17.6	34	52	0
0919_05	64 ppm	Day : 23	18	34.6	52	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
0920_05	64 ppm	Day : 3	17.7	33.7	52	0.09
0920_05	64 ppm	Day : 23	17.9	35.2	51	0.17
1101_05	128 ppm	Week : 13	17.4	36.5	48	0.08
1102_05	128 ppm	Week : 13	17.5	37.2	47	0.27
1103_05	128 ppm	Week : 13	17.4	36.1	48	0.18
1104_05	128 ppm	Week : 13	17.2	36.2	48	0.24
1105_05	128 ppm	Week : 13	17.3	36.4	48	0.18
1106_05	128 ppm	Week : 13	17.6	36.9	48	0.24
1107_05	128 ppm	Week : 13	17.4	36.7	47	0.15
1108_05	128 ppm	Week : 13	17.5	36.1	48	0
1109_05	128 ppm	Week : 13	17.6	36.9	48	0.22
1110_05	128 ppm	Week : 13	17.5	36.5	48	0.1
1111_05	128 ppm	Day : 3	18.3	34.3	53	0
1111_05	128 ppm	Day : 23	18	34.5	52	0.17
1112_05	128 ppm	Day : 3	17.9	33.7	53	0.1
1112_05	128 ppm	Day : 23	18.3	34.5	53	0.12
1113_05	128 ppm	Day : 3	17.7	34.2	52	0.1
1113_05	128 ppm	Day : 23	18.2	34.2	53	0.06
1114_05	128 ppm	Day : 3	17.9	34	53	0.11
1114_05	128 ppm	Day : 23	18.2	34.8	52	0
1115_05	128 ppm	Day : 3	18	34.3	52	0.21

Experiment Number: 05183-05

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:02:17

First Dose M/F: NA / NA

Lab: NA

**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
1115_05	128 ppm	Day : 23	17.9	34	53	0.07
1116_05	128 ppm	Day : 3	17.6	33.3	53	0.09
1116_05	128 ppm	Day : 23	18.2	34.5	53	0.11
1117_05	128 ppm	Day : 3	17.3	33.4	52	0
1117_05	128 ppm	Day : 23	18	34.5	52	0.06
1118_05	128 ppm	Day : 3	17.8	34.1	52	0.28
1118_05	128 ppm	Day : 23	18.2	34.5	53	0
1119_05	128 ppm	Day : 3	17.4	34.4	51	0
1119_05	128 ppm	Day : 23	17.7	34.1	52	0.18
1120_05	128 ppm	Day : 3	17.2	33.8	51	0.09
1120_05	128 ppm	Day : 23	17.6	34.9	50	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
0101_05	0 ppm	Week : 13	1	571	9.19	175
0102_05	0 ppm	Week : 13	1	539	9.08	163
0103_05	0 ppm	Week : 13	1	515	9.18	101
0104_05	0 ppm	Week : 13	0	527	9.21	83
0105_05	0 ppm	Week : 13	0	599	9.03	208
0106_05	0 ppm	Week : 13	0	606	9.16	202
0107_05	0 ppm	Week : 13	0	690	8.91	143
0108_05	0 ppm	Week : 13	0	578	8.9	223
0109_05	0 ppm	Week : 13	0	530	9.17	165
0110_05	0 ppm	Week : 13	0	601	9.14	174
0111_05	0 ppm	Day : 3	0	870	8.4	302
0111_05	0 ppm	Day : 23	0	578	8.97	117
0112_05	0 ppm	Day : 3	3	694	8.78	255
0112_05	0 ppm	Day : 23	0	564	9.2	175
0113_05	0 ppm	Day : 3	3	652	8.83	194
0113_05	0 ppm	Day : 23	0	551	9.76	156
0114_05	0 ppm	Day : 3	2	809	8.01	441
0114_05	0 ppm	Day : 23	0	616	8.8	158
0115_05	0 ppm	Day : 3	0	775	8.48	229
0115_05	0 ppm	Day : 23	0	522	9.61	173
0116_05	0 ppm	Day : 3	0	733	8.22	214
0116_05	0 ppm	Day : 23	0	614	8.97	152



## 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
0117_05	0 ppm	Day : 3	1	467	8.67	277
0117_05	0 ppm	Day : 23	0	570	9.11	118
0118_05	0 ppm	Day : 3	0	616	8.48	220
0118_05	0 ppm	Day : 23	0	553	9.35	102
0119_05	0 ppm	Day : 3	0	643	8.99	189
0119_05	0 ppm	Day : 23	1	488	9.67	97
0120_05	0 ppm	Day : 3	0	641	8.85	248
0120_05	0 ppm	Day : 23	0	569	9.14	128
0301_05	8 ppm	Week : 13	0	586	9.55	57
0302_05	8 ppm	Week : 13	0	549	9.36	140
0303_05	8 ppm	Week : 13	1	519	9.51	133
0304_05	8 ppm	Week : 13	0	492	9.5	86
0305_05	8 ppm	Week : 13	0	571	9.39	169
0306_05	8 ppm	Week : 13	0	563	9.54	162
0307_05	8 ppm	Week : 13	0	545	9.15	238
0308_05	8 ppm	Week : 13	0	506	9.39	160
0309_05	8 ppm	Week : 13	0	539	9.05	154
0310_05	8 ppm	Week : 13	0	546	9.27	93
0311_05	8 ppm	Day : 3	0	675	8.43	135
0311_05	8 ppm	Day : 23	0	562	9.24	111
0312_05	8 ppm	Day : 3	0	644	8.61	310
0312_05	8 ppm	Day : 23	0	535	9.19	110

## 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
0312_05	8 ppm	Day : 23	0	535	9.19	110
0313_05	8 ppm	Day : 3	0	592	8.22	181
0313_05	8 ppm	Day : 23	1	542	9.14	192
0314_05	8 ppm	Day : 3	0	761	8.81	203
0314_05	8 ppm	Day : 23	0	603	9.3	214
0315_05	8 ppm	Day : 3	1	735	8.57	189
0315_05	8 ppm	Day : 23	0	591	9.01	108
0316_05	8 ppm	Day : 3	1	739	8.3	540
0316_05	8 ppm	Day : 23	0	554	8.78	132
0317_05	8 ppm	Day : 3	0	666	8.41	126
0317_05	8 ppm	Day : 23	0	641	8.74	218
0318_05	8 ppm	Day : 3	0	714	8.64	423
0318_05	8 ppm	Day : 23	1	573	9.05	181
0319_05	8 ppm	Day : 3	2	734	8.38	411
0319_05	8 ppm	Day : 23	0	617	8.58	214
0320_05	8 ppm	Day : 3	1	661	8.13	252
0320_05	8 ppm	Day : 23	0	658	8.53	145
0501_05	16 ppm	Week : 13	0	547	9.58	86
0502_05	16 ppm	Week : 13	0	535	9.44	179
0503_05	16 ppm	Week : 13	0	527	9.5	48
0504_05	16 ppm	Week : 13	0	573	9.41	169
0505_05	16 ppm	Week : 13	0	498	8.91	89

## 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
0506_05	16 ppm	Week : 13	0	533	9.45	123
0507_05	16 ppm	Week : 13	0	502	9.22	138
0508_05	16 ppm	Week : 13	0	530	9.14	146
0509_05	16 ppm	Week : 13	0	520	9.46	208
0510_05	16 ppm	Week : 13	0	538	9.29	269
0511_05	16 ppm	Day : 3	1	559	9.02	216
0511_05	16 ppm	Day : 23	0	536	9.04	163
0512_05	16 ppm	Day : 3	0	746	8.32	258
0512_05	16 ppm	Day : 23	0	578	9.46	57
0513_05	16 ppm	Day : 3	0	706	8.66	234
0513_05	16 ppm	Day : 23	0	480	9.07	136
0514_05	16 ppm	Day : 3	0	898	8.27	289
0514_05	16 ppm	Day : 23	0	618	8.87	169
0515_05	16 ppm	Day : 3	0	665	7.98	447
0515_05	16 ppm	Day : 23	0	657	8.82	185
0516_05	16 ppm	Day : 3	1	724	8.61	293
0516_05	16 ppm	Day : 23	1	552	9.33	103
0517_05	16 ppm	Day : 3	0	614	8.02	449
0517_05	16 ppm	Day : 23	0	601	8.48	161
0518_05	16 ppm	Day : 3	0	769	8.1	381
0518_05	16 ppm	Day : 23	0	604	9.08	127
0519_05	16 ppm	Day : 3	0	603	8.74	131

## 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
0519_05	16 ppm	Day : 3	0	603	8.74	131
0519_05	16 ppm	Day : 23	0	561	8.9	133
0520_05	16 ppm	Day : 3	1	709	8.69	295
0520_05	16 ppm	Day : 23	0	549	9.06	109
0701_05	32 ppm	Week : 13	0	563	9.93	209
0702_05	32 ppm	Week : 13	0	524	9.14	165
0703_05	32 ppm	Week : 13	0	532	9.43	85
0704_05	32 ppm	Week : 13	0	549	9.33	177
0705_05	32 ppm	Week : 13	0	564	9.5	152
0706_05	32 ppm	Week : 13	0	502	8.95	116
0707_05	32 ppm	Week : 13	0	545	9.52	171
0708_05	32 ppm	Week : 13	0	555	9.43	113
0709_05	32 ppm	Week : 13	0	506	9.42	151
0710_05	32 ppm	Week : 13	0	721	8.77	175
0711_05	32 ppm	Day : 3	1	683	8.12	300
0711_05	32 ppm	Day : 23	0	550	9.06	109
0712_05	32 ppm	Day : 3	0	712	8.51	289
0712_05	32 ppm	Day : 23	0	546	8.77	132
0713_05	32 ppm	Day : 3	0	693	8.3	456
0713_05	32 ppm	Day : 23	0	626	8.81	167
0714_05	32 ppm	Day : 3	0	649	8.62	181
0714_05	32 ppm	Day : 23	0	229	8.81	141

## 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
0715_05	32 ppm	Day : 3	0	613	9.21	175
0715_05	32 ppm	Day : 23	0	522	9.15	156
0716_05	32 ppm	Day : 3	1	788	8.24	412
0716_05	32 ppm	Day : 23	0	632	8.39	151
0717_05	32 ppm	Day : 3	1	720	8.02	273
0717_05	32 ppm	Day : 23	0	664	8.89	124
0718_05	32 ppm	Day : 3	0	658	8.65	303
0718_05	32 ppm	Day : 23	0	594	8.89	169
0719_05	32 ppm	Day : 3	0	562	8.72	235
0719_05	32 ppm	Day : 23	0	583	9.01	81
0720_05	32 ppm	Day : 3	0	749	8.37	285
0720_05	32 ppm	Day : 23	0	581	9.07	209
0901_05	64 ppm	Week : 13	0	563	9.23	277
0902_05	64 ppm	Week : 13	0	564	9.17	110
0903_05	64 ppm	Week : 13	0	572	8.79	141
0904_05	64 ppm	Week : 13	0	551	9.18	174
0905_05	64 ppm	Week : 13	0	542	9.12	182
0906_05	64 ppm	Week : 13	0	496	9.36	215
0907_05	64 ppm	Week : 13	0	536	9	144
0908_05	64 ppm	Week : 13	0	486	9	162
0909_05	64 ppm	Week : 13	0	538	9.61	115
0910_05	64 ppm	Week : 13	0	577	9.88	49

## 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
0910_05	64 ppm	Week : 13	0	577	9.88	49
0911_05	64 ppm	Day : 3	1	708	8.17	270
0911_05	64 ppm	Day : 23	0	696	8.93	196
0912_05	64 ppm	Day : 3	0	713	8.53	324
0912_05	64 ppm	Day : 23	0	610	9.18	156
0913_05	64 ppm	Day : 3	0	648	8.45	380
0913_05	64 ppm	Day : 23	0	603	9.17	184
0914_05	64 ppm	Day : 3	1	625	10.34	227
0915_05	64 ppm	Day : 3	0	587	9	90
0915_05	64 ppm	Day : 23	0	598	8.74	122
0916_05	64 ppm	Day : 3	0	711	8.57	274
0916_05	64 ppm	Day : 23	0	623	8.5	34
0917_05	64 ppm	Day : 3	2	631	8.56	214
0917_05	64 ppm	Day : 23	0	568	8.89	231
0918_05	64 ppm	Day : 3	0	714	8.64	372
0918_05	64 ppm	Day : 23	0	602	9.06	190
0919_05	64 ppm	Day : 3	0	575	8.74	288
0919_05	64 ppm	Day : 23	0	596	9.11	164
0920_05	64 ppm	Day : 3	0	626	8.71	244
0920_05	64 ppm	Day : 23	0	619	9.25	92
1101_05	128 ppm	Week : 13	0	573	9.07	136
1102_05	128 ppm	Week : 13	0	571	9.42	122

## 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
1103_05	128 ppm	Week : 13	0	567	9.39	94
1104_05	128 ppm	Week : 13	0	541	9.64	125
1105_05	128 ppm	Week : 13	0	434	9.63	183
1106_05	128 ppm	Week : 13	0	537	9.31	196
1107_05	128 ppm	Week : 13	0	566	9.22	194
1108_05	128 ppm	Week : 13	0	527	9.34	149
1109_05	128 ppm	Week : 13	0	522	9.32	177
1110_05	128 ppm	Week : 13	0	514	9.52	143
1111_05	128 ppm	Day : 3	0	551	8.4	193
1111_05	128 ppm	Day : 23	0	600	9.11	237
1112_05	128 ppm	Day : 3	1	432	8.38	142
1112_05	128 ppm	Day : 23	0	549	8.96	170
1113_05	128 ppm	Day : 3	0	643	8.95	314
1113_05	128 ppm	Day : 23	0	562	8.78	220
1114_05	128 ppm	Day : 3	0	729	8.38	210
1114_05	128 ppm	Day : 23	0	605	9.09	145
1115_05	128 ppm	Day : 3	2	613	8.73	257
1115_05	128 ppm	Day : 23	0	598	8.88	142
1116_05	128 ppm	Day : 3	1	828	8.29	307
1116_05	128 ppm	Day : 23	0	627	8.57	154
1117_05	128 ppm	Day : 3	0	579	9.14	392
1117_05	128 ppm	Day : 23	0	588	9.13	164

Experiment Number: 05183-05

Species/Strain: Rat/Fischer 344

**P44: Hematology Data**

Date Report Requested: 10/24/2014

Time Report Requested: 17:02:17

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
1117_05	128 ppm	Day : 23	0	588	9.13	164
1118_05	128 ppm	Day : 3	0	726	8.05	354
1118_05	128 ppm	Day : 23	1	566	8.91	116
1119_05	128 ppm	Day : 3	0	476	9.41	207
1119_05	128 ppm	Day : 23	0	587	8.98	135
1120_05	128 ppm	Day : 3	0	482	9.28	167
1120_05	128 ppm	Day : 23	0	544	9.27	74



Experiment Number: 05183-05

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:02:17

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
0101_05	0 ppm	Week : 13	1.28	4.8
0102_05	0 ppm	Week : 13	1.39	5.3
0103_05	0 ppm	Week : 13	1.41	4.9
0104_05	0 ppm	Week : 13	1.4	4.5
0105_05	0 ppm	Week : 13	1.56	6.5
0106_05	0 ppm	Week : 13	0.86	5.7
0107_05	0 ppm	Week : 13	0.88	5.2
0108_05	0 ppm	Week : 13	2.39	7.7
0109_05	0 ppm	Week : 13	2.09	5.5
0110_05	0 ppm	Week : 13	1.74	5.6
0111_05	0 ppm	Day : 3	0.58	8.3
0111_05	0 ppm	Day : 23	1.08	5.4
0112_05	0 ppm	Day : 3	0.72	8.9
0112_05	0 ppm	Day : 23	1.86	6.9
0113_05	0 ppm	Day : 3	0.52	7.5
0113_05	0 ppm	Day : 23	0.59	6.6
0114_05	0 ppm	Day : 3	0.35	7.1
0114_05	0 ppm	Day : 23	0.39	5.6
0115_05	0 ppm	Day : 3	0.4	7.9
0115_05	0 ppm	Day : 23	0.62	6.2
0116_05	0 ppm	Day : 3	0.83	8.3
0116_05	0 ppm	Day : 23	0.4	5.7

Experiment Number: 05183-05

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:02:17

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
0117_05	0 ppm	Day : 3	0.83	7.5
0117_05	0 ppm	Day : 23	1.03	5.4
0118_05	0 ppm	Day : 3	0.8	8.9
0118_05	0 ppm	Day : 23	0.29	7.3
0119_05	0 ppm	Day : 3	0.6	7.5
0119_05	0 ppm	Day : 23	0.13	4.3
0120_05	0 ppm	Day : 3	0.59	8.4
0120_05	0 ppm	Day : 23	0.25	5.1
0301_05	8 ppm	Week : 13	0.53	5.9
0302_05	8 ppm	Week : 13	1.19	5.4
0303_05	8 ppm	Week : 13	0.64	4.6
0304_05	8 ppm	Week : 13	0.73	4.3
0305_05	8 ppm	Week : 13	0.32	5.4
0306_05	8 ppm	Week : 13	0.5	6.3
0307_05	8 ppm	Week : 13	0.54	6
0308_05	8 ppm	Week : 13	0.42	6
0309_05	8 ppm	Week : 13	0.87	5.1
0310_05	8 ppm	Week : 13	0.34	3.8
0311_05	8 ppm	Day : 3	0.95	9.5
0311_05	8 ppm	Day : 23	0.55	6.1
0312_05	8 ppm	Day : 3	0.44	10.9
0312_05	8 ppm	Day : 23	0.89	7.4

Experiment Number: 05183-05

Species/Strain: Rat/Fischer 344

**P44: Hematology Data**

Date Report Requested: 10/24/2014

Time Report Requested: 17:02:17

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
0312_05	8 ppm	Day : 23	0.89	7.4
0313_05	8 ppm	Day : 3	0.21	4.1
0313_05	8 ppm	Day : 23	0.19	4.8
0314_05	8 ppm	Day : 3	0.93	9.3
0314_05	8 ppm	Day : 23	0.35	5.9
0315_05	8 ppm	Day : 3	0.4	9.9
0315_05	8 ppm	Day : 23	0.62	6.2
0316_05	8 ppm	Day : 3	0.49	9.8
0316_05	8 ppm	Day : 23	1.11	5.3
0317_05	8 ppm	Day : 3	1.22	8.7
0317_05	8 ppm	Day : 23	0.38	4.2
0318_05	8 ppm	Day : 3	1.54	9.6
0318_05	8 ppm	Day : 23	0.81	4.1
0319_05	8 ppm	Day : 3	0.52	8.7
0319_05	8 ppm	Day : 23	0.49	4.9
0320_05	8 ppm	Day : 3	0.52	8.7
0320_05	8 ppm	Day : 23	0.62	5.6
0501_05	16 ppm	Week : 13	0.37	6.2
0502_05	16 ppm	Week : 13	0.67	4.8
0503_05	16 ppm	Week : 13	0.37	4.6
0504_05	16 ppm	Week : 13	0.55	5
0505_05	16 ppm	Week : 13	0.26	4.3

Experiment Number: 05183-05

Species/Strain: Rat/Fischer 344

**P44: Hematology Data**

Date Report Requested: 10/24/2014

Time Report Requested: 17:02:17

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
0506_05	16 ppm	Week : 13	0.55	4.2
0507_05	16 ppm	Week : 13	0.44	4.4
0508_05	16 ppm	Week : 13	0.31	3.4
0509_05	16 ppm	Week : 13	1.14	6
0510_05	16 ppm	Week : 13	0.93	4.9
0511_05	16 ppm	Day : 3	1.14	9.5
0511_05	16 ppm	Day : 23	0.39	5.5
0512_05	16 ppm	Day : 3	0.6	8.6
0512_05	16 ppm	Day : 23	0.61	6.8
0513_05	16 ppm	Day : 3	0.58	9.3
0513_05	16 ppm	Day : 23	0.43	6.2
0514_05	16 ppm	Day : 3	0.62	8.9
0514_05	16 ppm	Day : 23	0.44	4.9
0515_05	16 ppm	Day : 3	0.47	7.8
0515_05	16 ppm	Day : 23	0.67	6.1
0516_05	16 ppm	Day : 3	1.13	9.4
0516_05	16 ppm	Day : 23	0.98	7
0517_05	16 ppm	Day : 3	0.4	8
0517_05	16 ppm	Day : 23	0.48	6.9
0518_05	16 ppm	Day : 3	0.5	8.3
0518_05	16 ppm	Day : 23	0.25	6.2
0519_05	16 ppm	Day : 3	0.43	7.2

Experiment Number: 05183-05

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:02:17

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
0519_05	16 ppm	Day : 3	0.43	7.2
0519_05	16 ppm	Day : 23	0.86	4.5
0520_05	16 ppm	Day : 3	0.49	9.7
0520_05	16 ppm	Day : 23	0.54	4.5
0701_05	32 ppm	Week : 13	1	4
0702_05	32 ppm	Week : 13	0.72	3.8
0703_05	32 ppm	Week : 13	0.68	4
0704_05	32 ppm	Week : 13	0.9	6
0705_05	32 ppm	Week : 13	0.47	5.9
0706_05	32 ppm	Week : 13	0.74	4.6
0707_05	32 ppm	Week : 13	0.61	5.5
0708_05	32 ppm	Week : 13	0.52	4.7
0709_05	32 ppm	Week : 13	0.56	5.6
0710_05	32 ppm	Week : 13	0.59	5.4
0711_05	32 ppm	Day : 3	0.55	7.9
0711_05	32 ppm	Day : 23	0.37	7.3
0712_05	32 ppm	Day : 3	0.7	10
0712_05	32 ppm	Day : 23	0.4	5.7
0713_05	32 ppm	Day : 3	0.53	8.9
0713_05	32 ppm	Day : 23	0.39	5.5
0714_05	32 ppm	Day : 3	0.39	9.8
0714_05	32 ppm	Day : 23	0.7	5.8

Experiment Number: 05183-05

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:02:17

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
0715_05	32 ppm	Day : 3	1.05	11.7
0715_05	32 ppm	Day : 23	0.41	6.9
0716_05	32 ppm	Day : 3	0.64	8
0716_05	32 ppm	Day : 23	0.5	8.4
0717_05	32 ppm	Day : 3	0.74	8.2
0717_05	32 ppm	Day : 23	0.47	5.9
0718_05	32 ppm	Day : 3	0.9	9
0718_05	32 ppm	Day : 23	0.47	3.1
0719_05	32 ppm	Day : 3	0.44	7.4
0719_05	32 ppm	Day : 23	0.32	3.6
0720_05	32 ppm	Day : 3	1.57	8.7
0720_05	32 ppm	Day : 23	0.82	6.8
0901_05	64 ppm	Week : 13	0.73	6.1
0902_05	64 ppm	Week : 13	0.71	4.2
0903_05	64 ppm	Week : 13	0.83	7.5
0904_05	64 ppm	Week : 13	0.45	4.1
0905_05	64 ppm	Week : 13	0.56	4
0906_05	64 ppm	Week : 13	0.69	4.9
0907_05	64 ppm	Week : 13	0.55	4.2
0908_05	64 ppm	Week : 13	0.36	4.5
0909_05	64 ppm	Week : 13	0.55	6.1
0910_05	64 ppm	Week : 13	0.2	4

Experiment Number: 05183-05

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:02:17

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
0910_05	64 ppm	Week : 13	0.2	4
0911_05	64 ppm	Day : 3	1.1	7.3
0911_05	64 ppm	Day : 23	0.55	5.5
0912_05	64 ppm	Day : 3	1	10
0912_05	64 ppm	Day : 23	0.82	6.3
0913_05	64 ppm	Day : 3	0.69	9.9
0913_05	64 ppm	Day : 23	0.45	6.4
0914_05	64 ppm	Day : 3	0.65	10.9
0915_05	64 ppm	Day : 3	0.7	11.6
0915_05	64 ppm	Day : 23	0.34	6.8
0916_05	64 ppm	Day : 3	0.46	11.5
0916_05	64 ppm	Day : 23	0.64	5.8
0917_05	64 ppm	Day : 3	0.67	9.5
0917_05	64 ppm	Day : 23	0.3	6
0918_05	64 ppm	Day : 3	0.56	9.4
0918_05	64 ppm	Day : 23	0.97	5.1
0919_05	64 ppm	Day : 3	0.48	9.6
0919_05	64 ppm	Day : 23	0.35	5.8
0920_05	64 ppm	Day : 3	0.6	8.6
0920_05	64 ppm	Day : 23	0.33	5.5
1101_05	128 ppm	Week : 13	0.61	7.6
1102_05	128 ppm	Week : 13	1.25	8.9

Experiment Number: 05183-05

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:02:18

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
1103_05	128 ppm	Week : 13	0.75	4.4
1104_05	128 ppm	Week : 13	0.61	4.7
1105_05	128 ppm	Week : 13	0.89	5.9
1106_05	128 ppm	Week : 13	0.36	6
1107_05	128 ppm	Week : 13	0.31	5.1
1108_05	128 ppm	Week : 13	0.31	3.4
1109_05	128 ppm	Week : 13	0.73	5.6
1110_05	128 ppm	Week : 13	0.54	4.9
1111_05	128 ppm	Day : 3	0.61	10.2
1111_05	128 ppm	Day : 23	0.34	5.7
1112_05	128 ppm	Day : 3	0.77	9.6
1112_05	128 ppm	Day : 23	0.65	5.9
1113_05	128 ppm	Day : 3	0.62	10.3
1113_05	128 ppm	Day : 23	0.4	5.7
1114_05	128 ppm	Day : 3	0.63	10.5
1114_05	128 ppm	Day : 23	0.47	6.7
1115_05	128 ppm	Day : 3	0.52	10.5
1115_05	128 ppm	Day : 23	0.41	6.8
1116_05	128 ppm	Day : 3	1.49	9.3
1116_05	128 ppm	Day : 23	0.38	5.4
1117_05	128 ppm	Day : 3	0.86	9.6
1117_05	128 ppm	Day : 23	0.41	5.9



Experiment Number: 05183-05

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:02:18

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
1117_05	128 ppm	Day : 23	0.41	5.9
1118_05	128 ppm	Day : 3	0.64	9.2
1118_05	128 ppm	Day : 23	0.12	6.2
1119_05	128 ppm	Day : 3	0.61	10.1
1119_05	128 ppm	Day : 23	0.85	6.1
1120_05	128 ppm	Day : 3	0.73	9.1
1120_05	128 ppm	Day : 23	0.41	5.9

\*\* END OF REPORT \*\*