

Experiment Number: 99013-03

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:04:04

First Dose M/F: NA / NA

Lab: NA

C Number: C99013

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

Experiment Number: 99013-03

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:04:04

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Basophil Count 1000 per uL	Basophil Percentage %	Eosinophil Count	Eosinophil Percentage %
0001_03	0 ppm	Day : 92	0.05	0.4	0.13	1.0
0002_03	0 ppm	Day : 92	0.05	0.4	0.11	0.9
0003_03	0 ppm	Day : 92	0.07	0.5	0.09	0.7
0004_03	0 ppm	Day : 92	0.05	0.4	0.13	1.1
0005_03	0 ppm	Day : 92	0.04	0.4	0.08	0.8
0006_03	0 ppm	Day : 92	0.05	0.3	0.14	1.1
0007_03	0 ppm	Day : 92	0.00	0.0	0.11	1.0
0008_03	0 ppm	Day : 92	0.07	0.6	0.18	1.5
0009_03	0 ppm	Day : 92	0.09	0.6	0.14	1.1
0010_03	0 ppm	Day : 92	0.04	0.3	0.11	0.9
0011_03	100 ppm	Day : 92	0.07	0.5	0.08	0.6
0012_03	100 ppm	Day : 92	0.06	0.4	0.09	0.7
0013_03	100 ppm	Day : 92	0.10	0.8	0.09	0.7
0014_03	100 ppm	Day : 92	0.04	0.3	0.11	0.9
0015_03	100 ppm	Day : 92	0.12	0.9	0.10	0.8
0016_03	100 ppm	Day : 92	0.05	0.4	0.08	0.6
0017_03	100 ppm	Day : 92	0.06	0.5	0.10	0.7
0018_03	100 ppm	Day : 92	0.06	0.5	0.24	1.8
0019_03	100 ppm	Day : 92	0.05	0.5	0.14	1.2
0020_03	100 ppm	Day : 92	0.05	0.5	0.13	1.2
0021_03	200 ppm	Day : 92	0.07	0.5	0.20	1.6
0022_03	200 ppm	Day : 92	0.03	0.3	0.13	1.1

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Basophil Count 1000 per uL	Basophil Percentage %	Eosinophil Count	Eosinophil Percentage %
0023_03	200 ppm	Day : 92	0.12	0.8	0.12	0.8
0024_03	200 ppm	Day : 92	0.04	0.4	0.07	0.8
0025_03	200 ppm	Day : 92	0.08	0.7	0.08	0.7
0026_03	200 ppm	Day : 92	0.07	0.6	0.09	0.7
0027_03	200 ppm	Day : 92	0.05	0.4	0.09	0.7
0028_03	200 ppm	Day : 92	0.05	0.4	0.11	0.9
0029_03	200 ppm	Day : 92	0.05	0.4	0.09	0.7
0030_03	200 ppm	Day : 92	0.09	0.6	0.10	0.7
0031_03	400 ppm	Day : 92	0.04	0.3	0.26	2.0
0032_03	400 ppm	Day : 92	0.06	0.5	0.12	1.0
0033_03	400 ppm	Day : 92	0.05	0.4	0.06	0.5
0034_03	400 ppm	Day : 92	0.05	0.4	0.11	0.9
0035_03	400 ppm	Day : 92	0.08	0.7	0.11	0.9
0036_03	400 ppm	Day : 92	0.04	0.4	0.12	1.1
0037_03	400 ppm	Day : 92				
0038_03	400 ppm	Day : 92	0.04	0.3	0.10	0.8
0039_03	400 ppm	Day : 92	0.07	0.6	0.07	0.6
0040_03	400 ppm	Day : 92	0.08	0.5	0.10	0.6
0041_03	800 ppm	Day : 92	0.04	0.3	0.12	0.9
0042_03	800 ppm	Day : 92	0.07	0.6	0.07	0.6
0043_03	800 ppm	Day : 92	0.09	0.7	0.10	0.8
0044_03	800 ppm	Day : 92	0.07	0.6	0.10	0.8

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Basophil Count 1000 per uL	Basophil Percentage %	Eosinophil Count	Eosinophil Percentage %
0044_03	800 ppm	Day : 92	0.07	0.6	0.10	0.8
0045_03	800 ppm	Day : 92	0.06	0.5	0.10	0.8
0046_03	800 ppm	Day : 92	0.08	0.6	0.08	0.6
0047_03	800 ppm	Day : 92	0.06	0.5	0.13	1.0
0048_03	800 ppm	Day : 92	0.03	0.3	0.19	1.7
0049_03	800 ppm	Day : 92	0.06	0.4	0.25	1.8
0050_03	800 ppm	Day : 92	0.00	0.0	0.00	0.0
0051_03	1600 ppm	Day : 92	0.07	0.6	0.16	1.4
0052_03	1600 ppm	Day : 92	0.06	0.5	0.06	0.5
0053_03	1600 ppm	Day : 92	0.08	0.6	0.07	0.5
0054_03	1600 ppm	Day : 92	0.07	0.7	0.08	0.7
0055_03	1600 ppm	Day : 92	0.05	0.4	0.10	0.8
0056_03	1600 ppm	Day : 92	0.03	0.3	0.14	1.2
0057_03	1600 ppm	Day : 92	0.06	0.5	0.06	0.5
0058_03	1600 ppm	Day : 92	0.04	0.3	0.21	1.7
0059_03	1600 ppm	Day : 92	0.08	0.6	0.06	0.5
0060_03	1600 ppm	Day : 92	0.08	0.7	0.06	0.5

MALE

Animal No.	Dose	Time In Study	Hematocrit %	Hemoglobin g per dL	Howell Jolly Pct Rbc %	Large Unstained Cells Count 1000 per uL
0001_03	0 ppm	Day : 92	51.0	15.4	0.0	0.17
0002_03	0 ppm	Day : 92	48.5	14.8	0.0	0.11
0003_03	0 ppm	Day : 92	51.7	15.8	0.0	0.12
0004_03	0 ppm	Day : 92	50.8	15.7	0.0	0.15
0005_03	0 ppm	Day : 92	52.3	16.1	0.0	0.09
0006_03	0 ppm	Day : 92	47.6	14.5	0.0	0.13
0007_03	0 ppm	Day : 92	50.4	15.8	0.0	0.00
0008_03	0 ppm	Day : 92	51.1	15.9	0.0	0.08
0009_03	0 ppm	Day : 92	49.5	15.5	0.0	0.07
0010_03	0 ppm	Day : 92	49.9	15.4	0.0	0.09
0011_03	100 ppm	Day : 92	53.8	16.5	0.0	0.10
0012_03	100 ppm	Day : 92	51.7	15.9	0.0	0.22
0013_03	100 ppm	Day : 92	50.5	15.5	0.0	0.09
0014_03	100 ppm	Day : 92	51.4	15.6	0.0	0.17
0015_03	100 ppm	Day : 92	49.8	15.2	0.0	0.21
0016_03	100 ppm	Day : 92	49.5	15.1	0.0	0.07
0017_03	100 ppm	Day : 92	50.9	15.5	0.0	0.11
0018_03	100 ppm	Day : 92	52.4	16.0	0.0	0.13
0019_03	100 ppm	Day : 92	51.5	15.8	0.0	0.11
0020_03	100 ppm	Day : 92	50.6	15.6	0.0	0.09
0021_03	200 ppm	Day : 92	49.8	15.7	0.0	0.08
0022_03	200 ppm	Day : 92	49.2	15.3	0.0	0.14

MALE

Animal No.	Dose	Time In Study	Hematocrit %	Hemoglobin g per dL	Howell Jolly Pct Rbc %	Large Unstained Cells Count 1000 per uL
0023_03	200 ppm	Day : 92	51.3	15.8	0.0	0.12
0024_03	200 ppm	Day : 92	50.9	15.6	0.0	0.10
0025_03	200 ppm	Day : 92	47.9	14.7	0.0	0.17
0026_03	200 ppm	Day : 92	51.8	15.8	0.0	0.13
0027_03	200 ppm	Day : 92	51.6	15.6	0.0	0.11
0028_03	200 ppm	Day : 92	47.5	14.5	0.0	0.13
0029_03	200 ppm	Day : 92	51.2	15.7	0.0	0.17
0030_03	200 ppm	Day : 92	51.7	15.7	0.0	0.08
0031_03	400 ppm	Day : 92	49.1	15.2	0.0	0.10
0032_03	400 ppm	Day : 92	50.5	15.5	0.0	0.06
0033_03	400 ppm	Day : 92	50.3	15.4	0.0	0.06
0034_03	400 ppm	Day : 92	49.6	15.1	0.0	0.08
0035_03	400 ppm	Day : 92	49.2	15.5	0.0	0.10
0036_03	400 ppm	Day : 92	49.4	15.1	0.0	0.09
0037_03	400 ppm	Day : 92				
0038_03	400 ppm	Day : 92	51.7	15.6	0.0	0.20
0039_03	400 ppm	Day : 92	54.2	16.5	0.0	0.06
0040_03	400 ppm	Day : 92	49.9	15.5	0.0	0.21
0041_03	800 ppm	Day : 92	50.4	15.4	0.0	0.08
0042_03	800 ppm	Day : 92	49.4	15.1	0.0	0.12
0043_03	800 ppm	Day : 92	47.4	14.8	0.0	0.06
0044_03	800 ppm	Day : 92	50.2	15.2	0.0	0.08

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Hematocrit %	Hemoglobin g per dL	Howell Jolly Pct Rbc %	Large Unstained Cells Count 1000 per uL
0044_03	800 ppm	Day : 92	50.2	15.2	0.0	0.08
0045_03	800 ppm	Day : 92	51.6	15.9	0.0	0.10
0046_03	800 ppm	Day : 92	51.3	15.8	0.0	0.12
0047_03	800 ppm	Day : 92	52.5	16.2	0.0	0.09
0048_03	800 ppm	Day : 92	50.6	15.2	0.0	0.08
0049_03	800 ppm	Day : 92	49.7	15.4	0.0	0.12
0050_03	800 ppm	Day : 92	52.7	16.4	0.0	0.00
0051_03	1600 ppm	Day : 92	49.4	15.1	0.0	0.16
0052_03	1600 ppm	Day : 92	49.7	15.1	0.0	0.09
0053_03	1600 ppm	Day : 92	48.0	14.4	0.0	0.11
0054_03	1600 ppm	Day : 92	48.7	14.8	0.0	0.10
0055_03	1600 ppm	Day : 92	51.8	15.5	0.0	0.09
0056_03	1600 ppm	Day : 92	48.5	14.8	0.0	0.17
0057_03	1600 ppm	Day : 92	46.6	14.2	0.0	0.16
0058_03	1600 ppm	Day : 92	49.1	15.3	0.0	0.10
0059_03	1600 ppm	Day : 92	49.7	15.2	0.0	0.10
0060_03	1600 ppm	Day : 92	50.4	15.4	0.0	0.09

MALE

Animal No.	Dose	Time In Study	Large Unstained Cells Percentage %	Lymphocyte Count 1000 per uL	Lymphocyte Percentage %	Mean Cell Hemoglobin pg
0001_03	0 ppm	Day : 92	1.3	10.81	85.8	16.7
0002_03	0 ppm	Day : 92	0.9	10.40	87.0	16.5
0003_03	0 ppm	Day : 92	0.9	11.33	86.4	16.7
0004_03	0 ppm	Day : 92	1.3	9.78	83.6	16.9
0005_03	0 ppm	Day : 92	0.8	9.07	84.7	16.8
0006_03	0 ppm	Day : 92	1.0	11.15	85.1	16.6
0007_03	0 ppm	Day : 92	0.0	9.80	86.0	16.9
0008_03	0 ppm	Day : 92	0.7	9.27	78.9	16.7
0009_03	0 ppm	Day : 92	0.5	11.55	84.4	16.7
0010_03	0 ppm	Day : 92	0.8	10.23	85.8	16.7
0011_03	100 ppm	Day : 92	0.8	10.77	85.4	16.6
0012_03	100 ppm	Day : 92	1.7	11.05	85.8	16.7
0013_03	100 ppm	Day : 92	0.7	10.48	85.7	16.6
0014_03	100 ppm	Day : 92	1.3	10.61	86.3	16.6
0015_03	100 ppm	Day : 92	1.6	11.16	86.2	16.7
0016_03	100 ppm	Day : 92	0.5	11.65	86.2	16.6
0017_03	100 ppm	Day : 92	0.8	11.65	85.2	16.6
0018_03	100 ppm	Day : 92	0.9	10.76	80.6	16.6
0019_03	100 ppm	Day : 92	1.0	9.07	83.0	16.7
0020_03	100 ppm	Day : 92	0.9	8.66	84.7	16.7
0021_03	200 ppm	Day : 92	0.6	10.17	80.2	16.6
0022_03	200 ppm	Day : 92	1.2	10.01	85.9	16.7

MALE

Animal No.	Dose	Time In Study	Large Unstained Cells Percentage %	Lymphocyte Count 1000 per uL	Lymphocyte Percentage %	Mean Cell Hemoglobin pg
0023_03	200 ppm	Day : 92	0.8	12.51	87.0	16.9
0024_03	200 ppm	Day : 92	1.1	7.84	83.0	16.5
0025_03	200 ppm	Day : 92	1.4	10.10	81.6	16.5
0026_03	200 ppm	Day : 92	1.0	10.28	84.0	16.6
0027_03	200 ppm	Day : 92	0.9	10.44	84.9	16.4
0028_03	200 ppm	Day : 92	1.0	10.19	84.6	16.6
0029_03	200 ppm	Day : 92	1.3	11.12	85.8	16.4
0030_03	200 ppm	Day : 92	0.6	11.87	85.7	16.6
0031_03	400 ppm	Day : 92	0.8	10.58	82.5	16.8
0032_03	400 ppm	Day : 92	0.5	10.64	83.8	16.8
0033_03	400 ppm	Day : 92	0.5	10.51	87.1	16.8
0034_03	400 ppm	Day : 92	0.6	10.53	86.0	16.7
0035_03	400 ppm	Day : 92	0.8	10.47	85.8	16.8
0036_03	400 ppm	Day : 92	0.9	8.76	83.5	16.8
0037_03	400 ppm	Day : 92				
0038_03	400 ppm	Day : 92	1.6	10.64	85.7	16.5
0039_03	400 ppm	Day : 92	0.5	10.21	85.3	16.6
0040_03	400 ppm	Day : 92	1.2	12.80	74.2	16.8
0041_03	800 ppm	Day : 92	0.6	11.65	85.8	16.4
0042_03	800 ppm	Day : 92	0.9	10.74	85.4	16.9
0043_03	800 ppm	Day : 92	0.4	11.08	85.8	16.8
0044_03	800 ppm	Day : 92	0.6	9.58	79.2	16.6

Experiment Number: 99013-03

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:04:04

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Large Unstained Cells Percentage %	Lymphocyte Count 1000 per uL	Lymphocyte Percentage %	Mean Cell Hemoglobin pg
0044_03	800 ppm	Day : 92	0.6	9.58	79.2	16.6
0045_03	800 ppm	Day : 92	0.8	10.63	84.6	16.8
0046_03	800 ppm	Day : 92	0.9	11.72	87.9	16.5
0047_03	800 ppm	Day : 92	0.7	10.62	84.2	16.6
0048_03	800 ppm	Day : 92	0.8	9.19	85.3	16.6
0049_03	800 ppm	Day : 92	0.8	11.46	82.5	16.8
0050_03	800 ppm	Day : 92	0.0	9.19	91.0	16.8
0051_03	1600 ppm	Day : 92	1.4	8.67	78.2	16.6
0052_03	1600 ppm	Day : 92	0.7	10.97	87.2	16.7
0053_03	1600 ppm	Day : 92	0.8	12.09	87.5	16.6
0054_03	1600 ppm	Day : 92	0.9	9.15	84.5	16.8
0055_03	1600 ppm	Day : 92	0.7	10.29	87.6	16.8
0056_03	1600 ppm	Day : 92	1.4	10.03	83.6	16.7
0057_03	1600 ppm	Day : 92	1.3	10.53	86.6	17.6
0058_03	1600 ppm	Day : 92	0.9	9.81	80.8	17.1
0059_03	1600 ppm	Day : 92	0.8	10.83	84.7	16.9
0060_03	1600 ppm	Day : 92	0.8	10.50	84.9	17.0

MALE

Animal No.	Dose	Time In Study	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Monocyte Percentage %
0001_03	0 ppm	Day : 92	30.3	55.2	0.35	2.8
0002_03	0 ppm	Day : 92	30.5	54.2	0.35	2.9
0003_03	0 ppm	Day : 92	30.5	54.6	0.41	3.1
0004_03	0 ppm	Day : 92	30.9	54.8	0.39	3.3
0005_03	0 ppm	Day : 92	30.8	54.7	0.35	3.2
0006_03	0 ppm	Day : 92	30.5	54.3	0.32	2.5
0007_03	0 ppm	Day : 92	31.3	54.1	0.23	2.0
0008_03	0 ppm	Day : 92	31.0	53.9	0.39	3.3
0009_03	0 ppm	Day : 92	31.3	53.6	0.41	3.0
0010_03	0 ppm	Day : 92	30.9	54.0	0.32	2.7
0011_03	100 ppm	Day : 92	30.6	54.2	0.38	3.0
0012_03	100 ppm	Day : 92	30.9	54.1	0.42	3.3
0013_03	100 ppm	Day : 92	30.7	54.0	0.37	3.0
0014_03	100 ppm	Day : 92	30.4	54.6	0.37	3.0
0015_03	100 ppm	Day : 92	30.6	54.4	0.43	3.3
0016_03	100 ppm	Day : 92	30.5	54.3	0.34	2.5
0017_03	100 ppm	Day : 92	30.5	54.4	0.40	2.9
0018_03	100 ppm	Day : 92	30.5	54.4	0.29	2.2
0019_03	100 ppm	Day : 92	30.7	54.5	0.37	3.4
0020_03	100 ppm	Day : 92	30.9	53.9	0.27	2.7
0021_03	200 ppm	Day : 92	31.4	53.0	0.33	2.6

MALE

Animal No.	Dose	Time In Study	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Monocyte Percentage %
0022_03	200 ppm	Day : 92	31.0	53.9	0.35	3.0
0023_03	200 ppm	Day : 92	30.9	54.8	0.40	2.8
0024_03	200 ppm	Day : 92	30.6	53.9	0.29	3.0
0025_03	200 ppm	Day : 92	30.8	53.6	0.48	3.9
0026_03	200 ppm	Day : 92	30.4	54.4	0.41	3.3
0027_03	200 ppm	Day : 92	30.3	54.2	0.35	2.8
0028_03	200 ppm	Day : 92	30.6	54.2	0.43	3.6
0029_03	200 ppm	Day : 92	30.7	53.3	0.39	3.0
0030_03	200 ppm	Day : 92	30.4	54.7	0.38	2.8
0031_03	400 ppm	Day : 92	30.9	54.3	0.30	2.3
0032_03	400 ppm	Day : 92	30.6	54.8	0.34	2.7
0033_03	400 ppm	Day : 92	30.6	54.9	0.30	2.5
0034_03	400 ppm	Day : 92	30.5	54.8	0.25	2.1
0035_03	400 ppm	Day : 92	31.5	53.4	0.29	2.4
0036_03	400 ppm	Day : 92	30.6	54.7	0.35	3.3
0037_03	400 ppm	Day : 92				
0038_03	400 ppm	Day : 92	30.3	54.5	0.38	3.0
0039_03	400 ppm	Day : 92	30.5	54.4	0.34	2.8
0040_03	400 ppm	Day : 92	31.0	54.1	0.68	4.0
0041_03	800 ppm	Day : 92	30.5	53.8	0.42	3.1
0042_03	800 ppm	Day : 92	30.5	55.3	0.35	2.8

Experiment Number: 99013-03

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:04:04

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Monocyte Percentage %
0043_03	800 ppm	Day : 92	31.2	54.0	0.31	2.4
0044_03	800 ppm	Day : 92	30.3	54.8	0.41	3.4
0045_03	800 ppm	Day : 92	30.9	54.4	0.41	3.2
0046_03	800 ppm	Day : 92	30.7	53.7	0.34	2.5
0047_03	800 ppm	Day : 92	30.9	53.9	0.31	2.5
0048_03	800 ppm	Day : 92	30.1	55.2	0.27	2.5
0049_03	800 ppm	Day : 92	31.0	54.1	0.36	2.6
0050_03	800 ppm	Day : 92	31.1	54.1	0.30	3.0
0051_03	1600 ppm	Day : 92	30.6	54.3	0.33	3.0
0052_03	1600 ppm	Day : 92	30.3	55.1	0.33	2.6
0053_03	1600 ppm	Day : 92	30.0	55.3	0.37	2.7
0054_03	1600 ppm	Day : 92	30.4	55.2	0.34	3.1
0055_03	1600 ppm	Day : 92	30.0	55.9	0.36	3.0
0056_03	1600 ppm	Day : 92	30.6	54.6	0.39	3.2
0057_03	1600 ppm	Day : 92	30.6	57.8	0.37	3.0
0058_03	1600 ppm	Day : 92	31.1	54.8	0.41	3.3
0059_03	1600 ppm	Day : 92	30.5	55.2	0.33	2.6
0060_03	1600 ppm	Day : 92	30.5	55.8	0.38	3.1

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Species/Strain: Rat/Fischer 344

Time Report Requested: 03:04:04

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Neutrophil Count 1000 per uL	Neutrophil Percentage %	Platelet Count 1000 per uL	Prothrombin Time s
0001_03	0 ppm	Day : 92	1.26	10.0	648	15.2
0002_03	0 ppm	Day : 92	1.05	8.8	757	15.6
0003_03	0 ppm	Day : 92	1.22	9.3	630	22.6
0004_03	0 ppm	Day : 92	1.35	11.5	615	19.8
0005_03	0 ppm	Day : 92	1.16	10.9	754	16.0
0006_03	0 ppm	Day : 92	1.44	11.0	736	18.9
0007_03	0 ppm	Day : 92	1.25	11.0	458	18.0
0008_03	0 ppm	Day : 92	1.84	15.7	628	14.5
0009_03	0 ppm	Day : 92	1.49	10.9	639	17.7
0010_03	0 ppm	Day : 92	1.23	10.3	737	16.5
0011_03	100 ppm	Day : 92	1.32	10.4	706	28.4
0012_03	100 ppm	Day : 92	1.25	9.7	701	18.1
0013_03	100 ppm	Day : 92	1.19	9.7	729	16.1
0014_03	100 ppm	Day : 92	1.15	9.4	714	16.7
0015_03	100 ppm	Day : 92	1.13	8.7	653	18.7
0016_03	100 ppm	Day : 92	1.39	10.3	731	14.1
0017_03	100 ppm	Day : 92	1.47	10.8	718	18.1
0018_03	100 ppm	Day : 92	1.99	14.9	572	17.9
0019_03	100 ppm	Day : 92	1.30	11.9	724	19.3
0020_03	100 ppm	Day : 92	1.11	10.9	750	22.9
0021_03	200 ppm	Day : 92	1.92	15.1	515	17.4
0022_03	200 ppm	Day : 92	1.14	9.7	735	13.5

MALE

Animal No.	Dose	Time In Study	Neutrophil Count 1000 per uL	Neutrophil Percentage %	Platelet Count 1000 per uL	Prothrombin Time s
0023_03	200 ppm	Day : 92	1.22	8.5	703	16.4
0024_03	200 ppm	Day : 92	1.21	12.8	713	13.6
0025_03	200 ppm	Day : 92	1.63	13.2	738	17.5
0026_03	200 ppm	Day : 92	1.38	11.3	679	18.2
0027_03	200 ppm	Day : 92	1.37	11.2	661	10.8
0028_03	200 ppm	Day : 92	1.25	10.4	719	20.9
0029_03	200 ppm	Day : 92	1.32	10.2	704	17.6
0030_03	200 ppm	Day : 92	1.42	10.3	723	14.5
0031_03	400 ppm	Day : 92	1.65	12.8	608	14.2
0032_03	400 ppm	Day : 92	1.54	12.1	621	23.2
0033_03	400 ppm	Day : 92	1.15	9.5	694	26.8
0034_03	400 ppm	Day : 92	1.28	10.5	637	21.0
0035_03	400 ppm	Day : 92	1.25	10.3	183	15.5
0036_03	400 ppm	Day : 92	1.23	11.7	755	22.1
0037_03	400 ppm	Day : 92				17.5
0038_03	400 ppm	Day : 92	1.26	10.2	767	13.4
0039_03	400 ppm	Day : 92	1.28	10.7	667	22.8
0040_03	400 ppm	Day : 92	3.58	20.8	687	14.7
0041_03	800 ppm	Day : 92	1.34	9.9	731	14.7
0042_03	800 ppm	Day : 92	1.33	10.6	724	18.1
0043_03	800 ppm	Day : 92	1.34	10.3	701	16.4
0044_03	800 ppm	Day : 92	1.92	15.9	762	17.0

Experiment Number: 99013-03

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:04:04

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Neutrophil Count 1000 per uL	Neutrophil Percentage %	Platelet Count 1000 per uL	Prothrombin Time s
0044_03	800 ppm	Day : 92	1.92	15.9	762	17.0
0045_03	800 ppm	Day : 92	1.36	10.9	683	22.4
0046_03	800 ppm	Day : 92	1.12	8.4	692	22.0
0047_03	800 ppm	Day : 92	1.48	11.8	657	19.1
0048_03	800 ppm	Day : 92	1.10	10.2	526	17.1
0049_03	800 ppm	Day : 92	1.77	12.7	515	29.7
0050_03	800 ppm	Day : 92	0.61	6.0	624	13.3
0051_03	1600 ppm	Day : 92	1.86	16.8	432	18.4
0052_03	1600 ppm	Day : 92	1.15	9.2	794	16.1
0053_03	1600 ppm	Day : 92	1.21	8.8	707	22.2
0054_03	1600 ppm	Day : 92	1.18	10.9	657	16.4
0055_03	1600 ppm	Day : 92	0.95	8.1	743	
0056_03	1600 ppm	Day : 92	1.40	11.7	695	25.1
0057_03	1600 ppm	Day : 92	1.13	9.3	690	19.5
0058_03	1600 ppm	Day : 92	1.68	13.8	572	19.7
0059_03	1600 ppm	Day : 92	1.49	11.6	743	19.4
0060_03	1600 ppm	Day : 92	1.35	10.9	722	15.1

MALE

Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Count 1000 per microliter	Reticulocyte Percentage %	White Blood Cell Count 1000 per uL
0001_03	0 ppm	Day : 92	9.23	262.2	2.8	12.59
0002_03	0 ppm	Day : 92	8.95	233.4	2.6	11.95
0003_03	0 ppm	Day : 92	9.46	220.2	2.3	13.12
0004_03	0 ppm	Day : 92	9.28	226.0	2.4	11.71
0005_03	0 ppm	Day : 92	9.56	261.0	2.7	10.70
0006_03	0 ppm	Day : 92	8.76	287.0	3.3	13.10
0007_03	0 ppm	Day : 92	9.32	217.6	2.3	11.39
0008_03	0 ppm	Day : 92	9.49	255.9	2.7	11.75
0009_03	0 ppm	Day : 92	9.24	265.9	2.9	13.68
0010_03	0 ppm	Day : 92	9.24	218.0	2.4	11.94
0011_03	100 ppm	Day : 92	9.94	227.3	2.3	12.62
0012_03	100 ppm	Day : 92	9.55	222.3	2.3	12.88
0013_03	100 ppm	Day : 92	9.35	239.6	2.6	12.22
0014_03	100 ppm	Day : 92	9.41	248.2	2.6	12.28
0015_03	100 ppm	Day : 92	9.15	201.2	2.2	12.95
0016_03	100 ppm	Day : 92	9.12	262.0	2.9	13.51
0017_03	100 ppm	Day : 92	9.36	245.4	2.6	13.68
0018_03	100 ppm	Day : 92	9.64	285.4	3.0	13.33
0019_03	100 ppm	Day : 92	9.45	250.7	2.7	10.93
0020_03	100 ppm	Day : 92	9.38	230.3	2.5	10.22
0021_03	200 ppm	Day : 92	9.41	266.8	2.8	12.68

MALE

Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Count 1000 per microliter	Reticulocyte Percentage %	White Blood Cell Count 1000 per uL
0022_03	200 ppm	Day : 92	9.14	189.7	2.1	11.66
0023_03	200 ppm	Day : 92	9.36	242.1	2.6	14.36
0024_03	200 ppm	Day : 92	9.44	204.6	2.2	9.44
0025_03	200 ppm	Day : 92	8.92	198.2	2.2	12.37
0026_03	200 ppm	Day : 92	9.52	234.5	2.5	12.22
0027_03	200 ppm	Day : 92	9.53	262.3	2.8	12.29
0028_03	200 ppm	Day : 92	8.78	256.7	2.9	12.03
0029_03	200 ppm	Day : 92	9.61	242.0	2.5	12.96
0030_03	200 ppm	Day : 92	9.44	268.4	2.8	13.86
0031_03	400 ppm	Day : 92	9.04	236.4	2.6	12.83
0032_03	400 ppm	Day : 92	9.23	293.6	3.2	12.71
0033_03	400 ppm	Day : 92	9.16	274.7	3.0	12.07
0034_03	400 ppm	Day : 92	9.03	256.2	2.8	12.23
0035_03	400 ppm	Day : 92	9.21	213.0	2.3	12.20
0036_03	400 ppm	Day : 92	9.03	222.4	2.5	10.50
0037_03	400 ppm	Day : 92				
0038_03	400 ppm	Day : 92	9.49	240.1	2.5	12.42
0039_03	400 ppm	Day : 92	9.98	262.7	2.6	11.97
0040_03	400 ppm	Day : 92	9.23	220.7	2.4	17.24
0041_03	800 ppm	Day : 92	9.37	247.8	2.6	13.57
0042_03	800 ppm	Day : 92	8.93	254.1	2.8	12.57

Experiment Number: 99013-03

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:04:04

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Count 1000 per microliter	Reticulocyte Percentage %	White Blood Cell Count 1000 per uL
0043_03	800 ppm	Day : 92	8.78	259.5	3.0	12.91
0044_03	800 ppm	Day : 92	9.17	227.0	2.5	12.08
0045_03	800 ppm	Day : 92	9.47	287.5	3.0	12.56
0046_03	800 ppm	Day : 92	9.56	278.1	2.9	13.33
0047_03	800 ppm	Day : 92	9.75	265.8	2.7	12.60
0048_03	800 ppm	Day : 92	9.17	272.8	3.0	10.78
0049_03	800 ppm	Day : 92	9.19	237.8	2.6	13.89
0050_03	800 ppm	Day : 92	9.75	227.2	2.3	10.10
0051_03	1600 ppm	Day : 92	9.08	250.3	2.8	11.09
0052_03	1600 ppm	Day : 92	9.02	257.8	2.9	12.58
0053_03	1600 ppm	Day : 92	8.69	238.7	2.7	13.81
0054_03	1600 ppm	Day : 92	8.82	216.2	2.5	10.82
0055_03	1600 ppm	Day : 92	9.27	231.3	2.5	11.75
0056_03	1600 ppm	Day : 92	8.89	250.2	2.8	11.99
0057_03	1600 ppm	Day : 92	8.07	280.4	3.5	12.15
0058_03	1600 ppm	Day : 92	8.97	254.1	2.8	12.14
0059_03	1600 ppm	Day : 92	9.00	271.5	3.0	12.79
0060_03	1600 ppm	Day : 92	9.02	259.4	2.9	12.38

FEMALE

Animal No.	Dose	Time In Study	Basophil Count 1000 per uL	Basophil Percentage %	Eosinophil Count	Eosinophil Percentage %
0061_03	0 ppm	Day : 92	0.04	0.4	0.09	0.9
0062_03	0 ppm	Day : 92	0.02	0.2	0.09	1.0
0063_03	0 ppm	Day : 92	0.03	0.3	0.11	1.1
0064_03	0 ppm	Day : 92	0.02	0.3	0.10	1.2
0065_03	0 ppm	Day : 92				
0066_03	0 ppm	Day : 92	0.04	0.4	0.12	1.2
0067_03	0 ppm	Day : 92	0.03	0.4	0.12	1.4
0068_03	0 ppm	Day : 92	0.02	0.2	0.09	1.2
0069_03	0 ppm	Day : 92	0.04	0.4	0.13	1.3
0070_03	0 ppm	Day : 92	0.04	0.4	0.05	0.5
0071_03	100 ppm	Day : 92	0.02	0.3	0.12	1.5
0072_03	100 ppm	Day : 92	0.04	0.5	0.05	0.6
0073_03	100 ppm	Day : 92	0.03	0.3	0.18	2.1
0074_03	100 ppm	Day : 92	0.03	0.4	0.07	1.0
0075_03	100 ppm	Day : 92	0.03	0.4	0.08	1.0
0076_03	100 ppm	Day : 92	0.03	0.4	0.09	1.0
0077_03	100 ppm	Day : 92	0.02	0.3	0.17	1.9
0078_03	100 ppm	Day : 92	0.03	0.3	0.10	1.0
0079_03	100 ppm	Day : 92	0.06	0.5	0.12	1.1
0080_03	100 ppm	Day : 92	0.03	0.3	0.08	1.1
0081_03	200 ppm	Day : 92	0.05	0.6	0.07	0.9
0082_03	200 ppm	Day : 92	0.02	0.2	0.13	1.6

FEMALE

Animal No.	Dose	Time In Study	Basophil Count 1000 per uL	Basophil Percentage %	Eosinophil Count	Eosinophil Percentage %
0083_03	200 ppm	Day : 92	0.06	0.6	0.13	1.4
0084_03	200 ppm	Day : 92	0.05	0.5	0.07	0.8
0085_03	200 ppm	Day : 92	0.04	0.5	0.08	0.9
0086_03	200 ppm	Day : 92	0.03	0.3	0.12	1.3
0087_03	200 ppm	Day : 92	0.03	0.3	0.09	0.9
0088_03	200 ppm	Day : 92	0.03	0.4	0.07	0.8
0089_03	200 ppm	Day : 92	0.06	0.6	0.08	0.7
0090_03	200 ppm	Day : 92	0.05	0.6	0.18	2.0
0091_03	400 ppm	Day : 92	0.03	0.6	0.08	1.5
0092_03	400 ppm	Day : 92	0.03	0.3	0.07	0.8
0093_03	400 ppm	Day : 92	0.07	0.7	0.08	0.8
0094_03	400 ppm	Day : 92	0.03	0.4	0.12	1.4
0095_03	400 ppm	Day : 92	0.03	0.3	0.10	0.9
0096_03	400 ppm	Day : 92	0.05	0.5	0.31	2.8
0097_03	400 ppm	Day : 92	0.03	0.4	0.09	1.1
0098_03	400 ppm	Day : 92	0.02	0.2	0.07	0.7
0099_03	400 ppm	Day : 92	0.03	0.3	0.08	1.0
0100_03	400 ppm	Day : 92	0.05	0.5	0.12	1.2
0101_03	800 ppm	Day : 92	0.04	0.6	0.09	1.2
0102_03	800 ppm	Day : 92	0.03	0.4	0.13	1.6
0103_03	800 ppm	Day : 92	0.06	0.6	0.10	0.9
0104_03	800 ppm	Day : 92	0.02	0.3	0.18	2.0

Experiment Number: 99013-03

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:04:04

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Basophil Count 1000 per uL	Basophil Percentage %	Eosinophil Count	Eosinophil Percentage %
0104_03	800 ppm	Day : 92	0.02	0.3	0.18	2.0
0105_03	800 ppm	Day : 92	0.04	0.4	0.08	0.9
0106_03	800 ppm	Day : 92	0.02	0.2	0.11	1.0
0107_03	800 ppm	Day : 92	0.03	0.3	0.38	4.2
0108_03	800 ppm	Day : 92	0.04	0.4	0.06	0.6
0109_03	800 ppm	Day : 92	0.05	0.5	0.08	0.8
0110_03	800 ppm	Day : 92	0.02	0.3	0.10	1.3
0111_03	1600 ppm	Day : 92	0.03	0.5	0.04	0.5
0112_03	1600 ppm	Day : 92	0.04	0.4	0.15	1.4
0113_03	1600 ppm	Day : 92	0.05	0.4	0.07	0.7
0114_03	1600 ppm	Day : 92	0.02	0.2	0.12	1.3
0115_03	1600 ppm	Day : 92	0.04	0.4	0.08	0.8
0116_03	1600 ppm	Day : 92	0.03	0.3	0.07	0.7
0117_03	1600 ppm	Day : 92	0.04	0.4	0.15	1.4
0118_03	1600 ppm	Day : 92	0.04	0.4	0.10	1.2
0119_03	1600 ppm	Day : 92	0.05	0.5	0.09	0.8
0120_03	1600 ppm	Day : 92	0.03	0.3	0.08	0.8

FEMALE

Animal No.	Dose	Time In Study	Hematocrit %	Hemoglobin g per dL	Howell Jolly Pct Rbc %	Large Unstained Cells Count 1000 per uL
0061_03	0 ppm	Day : 92	46.6	14.5	0.0	0.13
0062_03	0 ppm	Day : 92	44.4	13.9	0.0	0.07
0063_03	0 ppm	Day : 92	48.2	14.9	0.0	0.07
0064_03	0 ppm	Day : 92	47.5	14.9	0.0	0.05
0065_03	0 ppm	Day : 92				
0066_03	0 ppm	Day : 92	45.9	14.4	0.0	0.10
0067_03	0 ppm	Day : 92	48.2	15.1	0.0	0.07
0068_03	0 ppm	Day : 92	45.8	14.5	0.0	0.05
0069_03	0 ppm	Day : 92	44.4	14.1	0.0	0.10
0070_03	0 ppm	Day : 92	46.1	14.3	0.0	0.11
0071_03	100 ppm	Day : 92	44.3	14.1	0.0	0.04
0072_03	100 ppm	Day : 92	49.6	15.1	0.0	0.10
0073_03	100 ppm	Day : 92	47.3	14.5	0.0	0.06
0074_03	100 ppm	Day : 92	49.3	15.4	0.0	0.06
0075_03	100 ppm	Day : 92	47.4	14.7	0.0	0.05
0076_03	100 ppm	Day : 92	48.4	14.9	0.0	0.08
0077_03	100 ppm	Day : 92	45.5	14.4	0.0	0.05
0078_03	100 ppm	Day : 92	48.2	14.8	0.0	0.12
0079_03	100 ppm	Day : 92	47.6	15.1	0.0	0.10
0080_03	100 ppm	Day : 92	46.0	14.8	0.0	0.10
0081_03	200 ppm	Day : 92	47.5	14.9	0.0	0.05
0082_03	200 ppm	Day : 92	47.5	15.1	0.0	0.12

FEMALE

Animal No.	Dose	Time In Study	Hematocrit %	Hemoglobin g per dL	Howell Jolly Pct Rbc %	Large Unstained Cells Count 1000 per uL
0083_03	200 ppm	Day : 92	46.2	14.3	0.0	0.19
0084_03	200 ppm	Day : 92	47.7	14.8	0.0	0.07
0085_03	200 ppm	Day : 92	47.3	15.0	0.0	0.06
0086_03	200 ppm	Day : 92	46.7	14.7	0.0	0.13
0087_03	200 ppm	Day : 92	48.6	15.2	0.0	0.07
0088_03	200 ppm	Day : 92	46.9	14.7	0.0	0.05
0089_03	200 ppm	Day : 92	45.0	14.1	0.0	0.11
0090_03	200 ppm	Day : 92	45.8	14.3	0.0	0.06
0091_03	400 ppm	Day : 92	46.9	14.6	0.0	0.05
0092_03	400 ppm	Day : 92	47.7	14.8	0.0	0.06
0093_03	400 ppm	Day : 92	47.2	14.6	0.0	0.10
0094_03	400 ppm	Day : 92	44.8	13.9	0.0	0.05
0095_03	400 ppm	Day : 92	46.2	14.8	0.0	0.07
0096_03	400 ppm	Day : 92	49.7	15.5	0.0	0.13
0097_03	400 ppm	Day : 92	47.5	14.7	0.0	0.04
0098_03	400 ppm	Day : 92	46.8	14.6	0.0	0.10
0099_03	400 ppm	Day : 92	46.5	14.5	0.0	0.05
0100_03	400 ppm	Day : 92	47.8	14.6	0.0	0.08
0101_03	800 ppm	Day : 92	47.1	14.6	0.0	0.07
0102_03	800 ppm	Day : 92	44.2	13.8	0.0	0.06
0103_03	800 ppm	Day : 92	45.4	14.0	0.0	0.09
0104_03	800 ppm	Day : 92	46.0	14.3	0.0	0.05

Experiment Number: 99013-03

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:04:04

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Hematocrit %	Hemoglobin g per dL	Howell Jolly Pct Rbc %	Large Unstained Cells Count 1000 per uL
0104_03	800 ppm	Day : 92	46.0	14.3	0.0	0.05
0105_03	800 ppm	Day : 92	47.3	14.6	0.0	0.06
0106_03	800 ppm	Day : 92	46.0	14.9	0.0	0.11
0107_03	800 ppm	Day : 92	46.5	14.5	0.0	0.07
0108_03	800 ppm	Day : 92	45.8	14.1	0.0	0.15
0109_03	800 ppm	Day : 92	44.9	13.9	0.0	0.09
0110_03	800 ppm	Day : 92	46.1	14.4	0.0	0.04
0111_03	1600 ppm	Day : 92	44.7	13.7	0.0	0.09
0112_03	1600 ppm	Day : 92	49.3	14.9	0.0	0.09
0113_03	1600 ppm	Day : 92	45.4	14.1	0.0	0.08
0114_03	1600 ppm	Day : 92	43.5	13.7	0.0	0.09
0115_03	1600 ppm	Day : 92	45.8	14.2	0.0	0.08
0116_03	1600 ppm	Day : 92	45.9	14.1	0.0	0.15
0117_03	1600 ppm	Day : 92	45.7	14.4	0.0	0.10
0118_03	1600 ppm	Day : 92	44.3	13.6	0.0	0.05
0119_03	1600 ppm	Day : 92	47.1	14.7	0.0	0.10
0120_03	1600 ppm	Day : 92	44.2	13.4	0.0	0.08

FEMALE

Animal No.	Dose	Time In Study	Large Unstained Cells Percentage %	Lymphocyte Count 1000 per uL	Lymphocyte Percentage %	Mean Cell Hemoglobin pg
0061_03	0 ppm	Day : 92	1.3	8.99	85.0	17.6
0062_03	0 ppm	Day : 92	0.9	7.19	83.3	17.7
0063_03	0 ppm	Day : 92	0.7	8.25	82.3	17.6
0064_03	0 ppm	Day : 92	0.7	6.00	77.8	17.7
0065_03	0 ppm	Day : 92				
0066_03	0 ppm	Day : 92	1.0	8.27	82.7	17.6
0067_03	0 ppm	Day : 92	0.8	7.11	80.4	17.6
0068_03	0 ppm	Day : 92	0.7	6.20	83.9	17.6
0069_03	0 ppm	Day : 92	1.0	8.26	82.6	17.6
0070_03	0 ppm	Day : 92	1.1	8.83	85.0	17.5
0071_03	100 ppm	Day : 92	0.4	6.63	78.7	17.7
0072_03	100 ppm	Day : 92	1.3	6.53	82.2	17.4
0073_03	100 ppm	Day : 92	0.8	6.67	78.5	17.3
0074_03	100 ppm	Day : 92	0.9	5.77	83.2	17.6
0075_03	100 ppm	Day : 92	0.7	6.36	81.3	17.5
0076_03	100 ppm	Day : 92	0.9	7.00	82.6	17.3
0077_03	100 ppm	Day : 92	0.6	7.22	81.1	17.6
0078_03	100 ppm	Day : 92	1.3	7.61	83.1	17.3
0079_03	100 ppm	Day : 92	0.9	9.47	84.6	17.7
0080_03	100 ppm	Day : 92	1.4	6.40	82.9	17.9
0081_03	200 ppm	Day : 92	0.6	6.63	84.1	17.6
0082_03	200 ppm	Day : 92	1.5	6.53	81.8	17.7

FEMALE

Animal No.	Dose	Time In Study	Large Unstained Cells Percentage %	Lymphocyte Count 1000 per uL	Lymphocyte Percentage %	Mean Cell Hemoglobin pg
0083_03	200 ppm	Day : 92	2.0	6.95	76.0	17.2
0084_03	200 ppm	Day : 92	0.7	7.31	76.6	17.5
0085_03	200 ppm	Day : 92	0.7	7.38	86.1	17.7
0086_03	200 ppm	Day : 92	1.4	7.56	80.9	17.6
0087_03	200 ppm	Day : 92	0.7	8.01	80.5	17.4
0088_03	200 ppm	Day : 92	0.6	7.89	87.3	17.7
0089_03	200 ppm	Day : 92	1.1	8.22	79.3	17.6
0090_03	200 ppm	Day : 92	0.7	7.14	81.5	17.4
0091_03	400 ppm	Day : 92	1.0	3.93	76.4	17.7
0092_03	400 ppm	Day : 92	0.8	6.53	83.1	17.6
0093_03	400 ppm	Day : 92	1.0	8.73	82.2	17.4
0094_03	400 ppm	Day : 92	0.5	7.45	82.6	17.4
0095_03	400 ppm	Day : 92	0.6	9.03	80.8	17.8
0096_03	400 ppm	Day : 92	1.2	8.57	79.5	17.5
0097_03	400 ppm	Day : 92	0.6	6.44	83.9	17.5
0098_03	400 ppm	Day : 92	1.1	7.79	84.5	17.6
0099_03	400 ppm	Day : 92	0.7	6.51	82.3	17.5
0100_03	400 ppm	Day : 92	0.8	8.60	85.5	17.2
0101_03	800 ppm	Day : 92	1.0	5.58	78.9	17.5
0102_03	800 ppm	Day : 92	0.7	7.10	82.1	17.5
0103_03	800 ppm	Day : 92	0.8	8.76	84.8	17.4
0104_03	800 ppm	Day : 92	0.5	7.43	80.3	17.7

Experiment Number: 99013-03

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:04:04

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Large Unstained Cells Percentage %	Lymphocyte Count 1000 per uL	Lymphocyte Percentage %	Mean Cell Hemoglobin pg
0104_03	800 ppm	Day : 92	0.5	7.43	80.3	17.7
0105_03	800 ppm	Day : 92	0.7	7.74	82.9	17.6
0106_03	800 ppm	Day : 92	1.0	9.00	83.3	17.6
0107_03	800 ppm	Day : 92	0.8	6.47	72.7	17.6
0108_03	800 ppm	Day : 92	1.4	9.03	85.9	17.4
0109_03	800 ppm	Day : 92	0.9	8.72	84.2	17.5
0110_03	800 ppm	Day : 92	0.5	6.21	80.8	17.5
0111_03	1600 ppm	Day : 92	1.2	6.72	89.2	17.6
0112_03	1600 ppm	Day : 92	0.8	9.69	87.8	17.5
0113_03	1600 ppm	Day : 92	0.8	8.39	80.6	17.7
0114_03	1600 ppm	Day : 92	1.0	7.78	87.1	17.5
0115_03	1600 ppm	Day : 92	0.8	8.79	86.3	17.7
0116_03	1600 ppm	Day : 92	1.4	9.27	85.8	17.5
0117_03	1600 ppm	Day : 92	1.0	9.11	85.6	17.6
0118_03	1600 ppm	Day : 92	0.6	7.35	85.4	17.4
0119_03	1600 ppm	Day : 92	0.9	9.97	87.1	17.8
0120_03	1600 ppm	Day : 92	0.8	8.28	86.2	17.2

FEMALE

Animal No.	Dose	Time In Study	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Monocyte Percentage %
0061_03	0 ppm	Day : 92	31.1	56.4	0.32	3.0
0062_03	0 ppm	Day : 92	31.3	56.5	0.28	3.2
0063_03	0 ppm	Day : 92	30.9	56.9	0.29	2.9
0064_03	0 ppm	Day : 92	31.4	56.4	0.16	2.1
0065_03	0 ppm	Day : 92				
0066_03	0 ppm	Day : 92	31.2	56.4	0.28	2.8
0067_03	0 ppm	Day : 92	31.3	56.2	0.21	2.4
0068_03	0 ppm	Day : 92	31.6	55.8	0.13	1.8
0069_03	0 ppm	Day : 92	31.8	55.3	0.30	3.0
0070_03	0 ppm	Day : 92	31.0	56.5	0.29	2.8
0071_03	100 ppm	Day : 92	31.8	55.6	0.21	2.5
0072_03	100 ppm	Day : 92	30.4	57.2	0.25	3.2
0073_03	100 ppm	Day : 92	30.6	56.6	0.24	2.8
0074_03	100 ppm	Day : 92	31.2	56.4	0.24	3.5
0075_03	100 ppm	Day : 92	31.0	56.5	0.19	2.5
0076_03	100 ppm	Day : 92	30.8	56.2	0.29	3.5
0077_03	100 ppm	Day : 92	31.6	55.7	0.25	2.8
0078_03	100 ppm	Day : 92	30.7	56.5	0.33	3.6
0079_03	100 ppm	Day : 92	31.7	55.6	0.33	2.9
0080_03	100 ppm	Day : 92	32.1	55.7	0.24	3.1
0081_03	200 ppm	Day : 92	31.5	56.0	0.25	3.2

FEMALE

Animal No.	Dose	Time In Study	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Monocyte Percentage %
0082_03	200 ppm	Day : 92	31.7	55.8	0.24	3.0
0083_03	200 ppm	Day : 92	31.0	55.5	0.34	3.7
0084_03	200 ppm	Day : 92	31.0	56.4	0.30	3.1
0085_03	200 ppm	Day : 92	31.6	55.9	0.15	1.8
0086_03	200 ppm	Day : 92	31.5	55.9	0.29	3.1
0087_03	200 ppm	Day : 92	31.4	55.4	0.33	3.3
0088_03	200 ppm	Day : 92	31.4	56.6	0.16	1.8
0089_03	200 ppm	Day : 92	31.3	56.3	0.31	2.9
0090_03	200 ppm	Day : 92	31.2	55.8	0.26	2.9
0091_03	400 ppm	Day : 92	31.2	56.6	0.16	3.0
0092_03	400 ppm	Day : 92	31.1	56.7	0.23	2.9
0093_03	400 ppm	Day : 92	31.0	56.2	0.39	3.7
0094_03	400 ppm	Day : 92	31.1	55.9	0.21	2.3
0095_03	400 ppm	Day : 92	32.1	55.5	0.40	3.6
0096_03	400 ppm	Day : 92	31.2	56.1	0.36	3.3
0097_03	400 ppm	Day : 92	30.9	56.6	0.16	2.1
0098_03	400 ppm	Day : 92	31.1	56.5	0.31	3.3
0099_03	400 ppm	Day : 92	31.2	56.3	0.20	2.5
0100_03	400 ppm	Day : 92	30.6	56.3	0.28	2.8
0101_03	800 ppm	Day : 92	31.1	56.2	0.21	3.0
0102_03	800 ppm	Day : 92	31.3	56.1	0.18	2.1

FEMALE

Animal No.	Dose	Time In Study	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Monocyte Percentage %
0103_03	800 ppm	Day : 92	30.9	56.4	0.25	2.4
0104_03	800 ppm	Day : 92	31.1	56.9	0.18	2.0
0105_03	800 ppm	Day : 92	30.8	57.0	0.27	2.8
0106_03	800 ppm	Day : 92	32.4	54.4	0.34	3.2
0107_03	800 ppm	Day : 92	31.2	56.5	0.27	3.1
0108_03	800 ppm	Day : 92	30.8	56.5	0.34	3.3
0109_03	800 ppm	Day : 92	31.0	56.5	0.26	2.5
0110_03	800 ppm	Day : 92	31.2	56.2	0.18	2.4
0111_03	1600 ppm	Day : 92	30.6	57.4	0.14	1.9
0112_03	1600 ppm	Day : 92	30.2	57.9	0.26	2.4
0113_03	1600 ppm	Day : 92	30.9	57.2	0.38	3.6
0114_03	1600 ppm	Day : 92	31.4	55.7	0.19	2.2
0115_03	1600 ppm	Day : 92	31.0	57.1	0.25	2.5
0116_03	1600 ppm	Day : 92	30.7	56.9	0.30	2.7
0117_03	1600 ppm	Day : 92	31.5	56.0	0.32	3.0
0118_03	1600 ppm	Day : 92	30.6	56.7	0.17	2.0
0119_03	1600 ppm	Day : 92	31.2	57.1	0.32	2.8
0120_03	1600 ppm	Day : 92	30.3	56.6	0.23	2.4

FEMALE

Animal No.	Dose	Time In Study	Neutrophil Count 1000 per uL	Neutrophil Percentage %	Platelet Count 1000 per uL	Prothrombin Time s
0061_03	0 ppm	Day : 92	1.14	10.8	880	12.6
0062_03	0 ppm	Day : 92	1.05	12.2	787	12.7
0063_03	0 ppm	Day : 92	1.34	13.4	739	12.4
0064_03	0 ppm	Day : 92	1.44	18.6	650	16.3
0065_03	0 ppm	Day : 92				12.3
0066_03	0 ppm	Day : 92	1.30	13.0	709	12.5
0067_03	0 ppm	Day : 92	1.37	15.5	733	14.2
0068_03	0 ppm	Day : 92	0.96	13.0	803	11.9
0069_03	0 ppm	Day : 92	1.27	12.6	802	14.6
0070_03	0 ppm	Day : 92	1.17	11.3	878	11.0
0071_03	100 ppm	Day : 92	1.43	16.9	605	15.4
0072_03	100 ppm	Day : 92	1.07	13.5	836	14.2
0073_03	100 ppm	Day : 92	1.38	16.3	654	12.2
0074_03	100 ppm	Day : 92	0.84	12.1	776	11.8
0075_03	100 ppm	Day : 92	1.17	14.9	722	12.1
0076_03	100 ppm	Day : 92	1.05	12.5	751	12.0
0077_03	100 ppm	Day : 92	1.25	14.0	555	17.2
0078_03	100 ppm	Day : 92	1.09	11.9	611	12.4
0079_03	100 ppm	Day : 92	1.21	10.8	827	15.6
0080_03	100 ppm	Day : 92	0.97	12.6	769	16.2
0081_03	200 ppm	Day : 92	0.88	11.1	748	15.8
0082_03	200 ppm	Day : 92	1.07	13.4	871	21.4

Experiment Number: 99013-03

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:04:05

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Neutrophil Count 1000 per uL	Neutrophil Percentage %	Platelet Count 1000 per uL	Prothrombin Time s
0083_03	200 ppm	Day : 92	1.67	18.3	652	12.0
0084_03	200 ppm	Day : 92	1.81	19.0	730	14.0
0085_03	200 ppm	Day : 92	0.91	10.7	685	13.0
0086_03	200 ppm	Day : 92	1.35	14.5	684	14.3
0087_03	200 ppm	Day : 92	1.50	15.1	767	
0088_03	200 ppm	Day : 92	0.89	9.8	770	15.4
0089_03	200 ppm	Day : 92	1.71	16.5	735	13.0
0090_03	200 ppm	Day : 92	1.13	12.9	622	12.8
0091_03	400 ppm	Day : 92	0.95	18.5	795	12.9
0092_03	400 ppm	Day : 92	1.01	12.9	728	11.7
0093_03	400 ppm	Day : 92	1.35	12.7	730	11.4
0094_03	400 ppm	Day : 92	1.20	13.3	743	12.2
0095_03	400 ppm	Day : 92	1.62	14.5	809	12.7
0096_03	400 ppm	Day : 92	1.50	13.9	654	12.8
0097_03	400 ppm	Day : 92	0.96	12.5	769	12.3
0098_03	400 ppm	Day : 92	1.04	11.3	737	14.4
0099_03	400 ppm	Day : 92	1.11	14.0	720	12.1
0100_03	400 ppm	Day : 92	1.00	9.9	676	12.5
0101_03	800 ppm	Day : 92	1.16	16.3	789	15.2
0102_03	800 ppm	Day : 92	1.19	13.8	771	21.6
0103_03	800 ppm	Day : 92	1.16	11.2	615	13.4
0104_03	800 ppm	Day : 92	1.43	15.5	626	15.8

Experiment Number: 99013-03

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:04:05

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Neutrophil Count 1000 per uL	Neutrophil Percentage %	Platelet Count 1000 per uL	Prothrombin Time s
0104_03	800 ppm	Day : 92	1.43	15.5	626	15.8
0105_03	800 ppm	Day : 92	1.22	13.1	796	14.1
0106_03	800 ppm	Day : 92	1.33	12.3	905	14.7
0107_03	800 ppm	Day : 92	1.75	19.7	604	13.3
0108_03	800 ppm	Day : 92	1.03	9.8	870	
0109_03	800 ppm	Day : 92	1.24	12.0	751	15.2
0110_03	800 ppm	Day : 92	1.17	15.2	688	16.9
0111_03	1600 ppm	Day : 92	0.60	8.0	793	14.3
0112_03	1600 ppm	Day : 92	0.90	8.1	714	13.0
0113_03	1600 ppm	Day : 92	1.52	14.6	736	10.0
0114_03	1600 ppm	Day : 92	0.83	9.3	663	15.4
0115_03	1600 ppm	Day : 92	1.03	10.1	797	12.5
0116_03	1600 ppm	Day : 92	1.13	10.5	710	15.9
0117_03	1600 ppm	Day : 92	1.03	9.6	671	14.7
0118_03	1600 ppm	Day : 92	0.95	11.0	697	19.3
0119_03	1600 ppm	Day : 92	1.02	8.9	780	15.2
0120_03	1600 ppm	Day : 92	0.99	10.3	635	16.6

FEMALE

Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Count 1000 per microliter	Reticulocyte Percentage %	White Blood Cell Count 1000 per uL
0061_03	0 ppm	Day : 92	8.26	260.8	3.2	10.58
0062_03	0 ppm	Day : 92	7.86	228.6	2.9	8.63
0063_03	0 ppm	Day : 92	8.46	179.0	2.1	10.02
0064_03	0 ppm	Day : 92	8.43	178.8	2.1	7.72
0065_03	0 ppm	Day : 92				
0066_03	0 ppm	Day : 92	8.15	214.6	2.6	10.00
0067_03	0 ppm	Day : 92	8.56	190.5	2.2	8.84
0068_03	0 ppm	Day : 92	8.21	234.1	2.9	7.39
0069_03	0 ppm	Day : 92	8.02	257.8	3.2	10.01
0070_03	0 ppm	Day : 92	8.15	252.0	3.1	10.39
0071_03	100 ppm	Day : 92	7.97	170.3	2.1	8.42
0072_03	100 ppm	Day : 92	8.69	218.7	2.5	7.95
0073_03	100 ppm	Day : 92	8.36	196.0	2.3	8.50
0074_03	100 ppm	Day : 92	8.75	172.7	2.0	6.94
0075_03	100 ppm	Day : 92	8.39	175.5	2.1	7.83
0076_03	100 ppm	Day : 92	8.62	201.9	2.3	8.46
0077_03	100 ppm	Day : 92	8.17	173.6	2.1	8.90
0078_03	100 ppm	Day : 92	8.52	153.8	1.8	9.15
0079_03	100 ppm	Day : 92	8.55	210.1	2.5	11.19
0080_03	100 ppm	Day : 92	8.26	184.6	2.2	7.73
0081_03	200 ppm	Day : 92	8.48	172.8	2.0	7.88

FEMALE

Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Count 1000 per microliter	Reticulocyte Percentage %	White Blood Cell Count 1000 per uL
0082_03	200 ppm	Day : 92	8.51	199.7	2.3	7.99
0083_03	200 ppm	Day : 92	8.33	161.6	1.9	9.14
0084_03	200 ppm	Day : 92	8.46	204.2	2.4	9.53
0085_03	200 ppm	Day : 92	8.47	197.9	2.3	8.57
0086_03	200 ppm	Day : 92	8.36	177.8	2.1	9.35
0087_03	200 ppm	Day : 92	8.77	171.5	2.0	9.95
0088_03	200 ppm	Day : 92	8.30	205.0	2.5	9.04
0089_03	200 ppm	Day : 92	8.01	183.4	2.3	10.37
0090_03	200 ppm	Day : 92	8.21	205.5	2.5	8.76
0091_03	400 ppm	Day : 92	8.28	216.5	2.6	5.15
0092_03	400 ppm	Day : 92	8.41	216.2	2.6	7.87
0093_03	400 ppm	Day : 92	8.40	182.1	2.2	10.63
0094_03	400 ppm	Day : 92	8.02	208.0	2.6	9.01
0095_03	400 ppm	Day : 92	8.33	229.4	2.8	11.17
0096_03	400 ppm	Day : 92	8.86	137.5	1.6	10.79
0097_03	400 ppm	Day : 92	8.39	248.2	3.0	7.68
0098_03	400 ppm	Day : 92	8.29	195.0	2.4	9.23
0099_03	400 ppm	Day : 92	8.27	178.3	2.2	7.92
0100_03	400 ppm	Day : 92	8.50	209.2	2.5	10.05
0101_03	800 ppm	Day : 92	8.38	194.7	2.3	7.07
0102_03	800 ppm	Day : 92	7.88	196.0	2.5	8.64

Experiment Number: 99013-03

Species/Strain: Rat/Fischer 344

P44: Hematology Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:04:05

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Red Blood Cell Count million per uL	Reticulocyte Count 1000 per microliter	Reticulocyte Percentage %	White Blood Cell Count 1000 per uL
0103_03	800 ppm	Day : 92	8.05	246.8	3.1	10.32
0104_03	800 ppm	Day : 92	8.10	208.4	2.6	9.25
0105_03	800 ppm	Day : 92	8.29	193.0	2.3	9.35
0106_03	800 ppm	Day : 92	8.45	208.5	2.5	10.80
0107_03	800 ppm	Day : 92	8.23	206.2	2.5	8.90
0108_03	800 ppm	Day : 92	8.11	198.3	2.4	10.52
0109_03	800 ppm	Day : 92	7.94	179.5	2.3	10.35
0110_03	800 ppm	Day : 92	8.20	217.8	2.7	7.69
0111_03	1600 ppm	Day : 92	7.79	260.6	3.3	7.54
0112_03	1600 ppm	Day : 92	8.52	270.5	3.2	11.03
0113_03	1600 ppm	Day : 92	7.95	231.1	2.9	10.41
0114_03	1600 ppm	Day : 92	7.81	268.3	3.4	8.94
0115_03	1600 ppm	Day : 92	8.02	276.8	3.4	10.18
0116_03	1600 ppm	Day : 92	8.06	222.9	2.8	10.81
0117_03	1600 ppm	Day : 92	8.16	207.6	2.5	10.65
0118_03	1600 ppm	Day : 92	7.82	226.3	2.9	8.61
0119_03	1600 ppm	Day : 92	8.25	212.9	2.6	11.45
0120_03	1600 ppm	Day : 92	7.82	246.2	3.1	9.60

** END OF REPORT **