

Experiment Number: C08010-02

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Mouse/B6C3F1/N

PA43: Hematology Summary

Test Compound: 2,3-Pentanedione

CAS Number: 600-14-6

Date Report Requested: 05/02/2017

Time Report Requested: 11:43:35

Lab: NTP

C Number: C08010-02

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

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Lab: NTP

Male

	Phase Day	Treatment Groups (ppm)			
		0	6.25	12.5	25
Hematocrit (Spun) (%)	SD 95	50.9 ± 0.2 (9)	50.6 ± 0.4 (10)	51.5 ± 0.4 (10)	51.0 ± 0.3 (10)
Percent of Control			99.2	101.0	100.0
Hemoglobin (g/dL)	SD 95	16.3 ± 0.1 (9)	16.3 ± 0.1 (10)	16.5 ± 0.1 (10)	16.4 ± 0.1 (10)
Percent of Control			99.8	100.8	100.5
Erythrocytes (10 ⁶ /uL)	SD 95	10.53 ± 0.06 (9)	10.50 ± 0.06 (10)	10.66 ± 0.08 (10)	10.52 ± 0.08 (10)
Percent of Control			99.73	101.19	99.88
Reticulocytes (10 ³ /uL)	SD 95	293.6 ± 5.0 (9)	301.5 ± 6.5 (10)	297.6 ± 5.3 (10)	293.4 ± 5.8 (10)
Percent of Control			102.7	101.3	99.9
Reticulocyte Percentage	SD 95	2.8 ± 0.1 (9)	2.9 ± 0.1 (10)	2.8 ± 0.1 (10)	2.8 ± 0.0 (10)
Percent of Control			103.3	101.1	100.4
Nucleated Red Blood Cells (/100 WBC)	SD 95	0.00 ± 0.00 (9)	0.00 ± 0.00 (10)	0.00 ± 0.00 (10)	0.00 ± 0.00 (10)
Percent of Control					
Total Nucleated Cells (K/uL)	SD 95	4.19 ± 0.38 (9)	3.36 ± 0.24 (10)	3.72 ± 0.32 (10)	3.48 ± 0.40 (10)
Percent of Control			80.16	88.78	83.17
Mean Cell Volume (fL)	SD 95	47.2 ± 0.2 (9)	47.3 ± 0.2 (10)	47.5 ± 0.3 (10)	47.3 ± 0.2 (10)
Percent of Control			100.2	100.5	100.1
Mean Cell Hemoglobin (pg)	SD 95	15.5 ± 0.1 (9)	15.5 ± 0.0 (10)	15.5 ± 0.1 (10)	15.6 ± 0.1 (10)
Percent of Control			99.9	99.6	100.4
Mean Cell Hemoglobin Concentration (g/dL)	SD 95	32.9 ± 0.1 (9)	32.8 ± 0.1 (10)	32.6 ± 0.1 (10)	33.0 ± 0.2 (10)
Percent of Control			99.8	99.1	100.4
Packed Cell Volume (%)	SD 95	49.8 ± 0.2 (9)	49.7 ± 0.3 (10)	50.6 ± 0.3 (10)	49.7 ± 0.4 (10)
Percent of Control			99.8	101.7	99.9

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Lab: NTP

Male

	Phase Day	Treatment Groups (ppm)			
		0	6.25	12.5	25
Platelets (10 ³ /uL)	SD 95	1065.0 ± 36 (9)	1037.0 ± 20 (10)	1060.0 ± 18 (10)	1046.0 ± 21 (10)
Percent of Control			97.0	100.0	98.0
White Blood Cells (10 ³ /uL)	SD 95	4.19 ± 0.38 (9)	3.36 ± 0.24 (10)	3.72 ± 0.32 (10)	3.48 ± 0.40 (10)
Percent of Control			80.16	88.78	83.17
Neutrophils (10 ³ /uL)	SD 95	0.55 ± 0.04 (9)	0.47 ± 0.04 (10)	0.47 ± 0.05 (10)	0.47 ± 0.06 (10)
Percent of Control			86.52	86.16	85.98
Immature Neutrophils (10 ³ /uL) (K/uL)	SD 95	0.00 ± 0.00 (9)	0.00 ± 0.00 (10)	0.00 ± 0.00 (10)	0.00 ± 0.00 (10)
Percent of Control					
Lymphocytes (10 ³ /uL)	SD 95	3.40 ± 0.32 (9)	2.71 ± 0.21 (10)	3.07 ± 0.26 (10)	2.83 ± 0.34 (10)
Percent of Control			79.51	90.26	83.18
Total Lymphocytes (10 ³ /uL)	SD 95	3.45 ± 0.32 (9)	2.74 ± 0.21 (10)	3.11 ± 0.27 (10)	2.87 ± 0.35 (10)
Percent of Control			79.48	90.26	83.13
Monocytes (10 ³ /uL)	SD 95	0.08 ± 0.01 (9)	0.06 ± 0.00 (10)	0.06 ± 0.01 (10)	0.06 ± 0.01 (10)
Percent of Control			73.04	76.96	75.65
Basophils (10 ³ /uL)	SD 95	0.02 ± 0.00 (9)	0.01 ± 0.00 (10)	0.02 ± 0.00 (10)	0.01 ± 0.00 (10)
Percent of Control			66.00	90.00	72.00
Eosinophils (10 ³ /uL)	SD 95	0.10 ± 0.01 (9)	0.07 ± 0.01 (10)	0.06 ± 0.01 (10)	0.08 ± 0.01 (10)
Percent of Control			76.40	59.65	79.53
Large Unstained Cells (10 ³ /uL)	SD 95	0.05 ± 0.01 (9)	0.03 ± 0.01 (10)	0.05 ± 0.01 (10)	0.03 ± 0.01 (10)
Percent of Control			74.63	98.78	74.63
Howel Jolly Bodies Percentage	SD 95	0.2 ± 0.0 (9)	0.1 ± 0.0 (10)	0.2 ± 0.0 (10)	0.2 ± 0.0 (10)
Percent of Control			60.0	90.0	75.0

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Lab: NTP

Male

	Phase Day	Treatment Groups (ppm)			
		0	6.25	12.5	25
Neutrophil Percentage Percent of Control	SD 95	13.3 ± 0.5 (9)	14.3 ± 0.9 (10) 107.9	12.7 ± 0.6 (10) 95.3	14.0 ± 1.3 (10) 105.4
Immature Neutrophil Percentage Percent of Control	SD 95	0.0 ± 0.0 (9)	0.0 ± 0.0 (10)	0.0 ± 0.0 (10)	0.0 ± 0.0 (10)
Lymphocyte Percentage Percent of Control	SD 95	81.1 ± 0.5 (9)	80.3 ± 1.1 (10) 99.0	82.6 ± 0.9 (10) 101.8	80.8 ± 1.2 (10) 99.6
Total Lymphocyte Percentage Percent of Control	SD 95	82.2 ± 0.6 (9)	81.3 ± 1.1 (10) 98.9	83.8 ± 0.8 (10) 101.9	81.9 ± 1.2 (10) 99.6
Monocyte Percentage Percent of Control	SD 95	1.8 ± 0.1 (9)	1.7 ± 0.1 (10) 94.5	1.6 ± 0.2 (10) 86.6	1.7 ± 0.1 (10) 92.2
Basophil Percentage Percent of Control	SD 95	0.4 ± 0.1 (9)	0.4 ± 0.1 (10) 90.0	0.4 ± 0.1 (10) 102.9	0.4 ± 0.1 (10) 105.4
Eosinophil Percentage Percent of Control	SD 95	2.3 ± 0.4 (9)	2.3 ± 0.4 (10) 96.8	1.6 ± 0.5 (10) 68.2	2.1 ± 0.2 (10) 89.1
Large Unstained Cell Percentage Percent of Control	SD 95	1.1 ± 0.1 (9)	1.0 ± 0.1 (10) 96.6	1.2 ± 0.2 (10) 108.9	1.0 ± 0.1 (10) 95.7

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Male

	Phase Day	Treatment Groups (ppm)	
		50	100
Hematocrit (Spun) (%)	SD 95	50.0 ± 0.2 (10)	50.5 ± 0.4 (10)
Percent of Control		98.0	99.1
Hemoglobin (g/dL)	SD 95	16.2 ± 0.1 (10)	16.2 ± 0.2 (9)
Percent of Control		99.0	99.0
Erythrocytes (10 ⁶ /uL)	SD 95	10.50 ± 0.08 (10)	10.87 ± 0.11 (9)
Percent of Control		99.66	103.18
Reticulocytes (10 ³ /uL)	SD 95	272.9 ± 6.3 (10)	298.7 ± 15.4 (9)
Percent of Control		92.9	101.7
Reticulocyte Percentage	SD 95	2.6 ± 0.1 (10)	2.8 ± 0.1 (9)
Percent of Control		93.2	99.2
Nucleated Red Blood Cells (/100 WBC)	SD 95	0.00 ± 0.00 (10)	0.00 ± 0.00 (9)
Percent of Control			
Total Nucleated Cells (K/uL)	SD 95	4.49 ± 0.37 (10)	4.61 ± 0.42 (9)
Percent of Control		107.12	110.06
Mean Cell Volume (fL)	SD 95	46.4 ± 0.2 (10)	45.6 ± 0.2 (9)
Percent of Control		98.2	96.4
Mean Cell Hemoglobin (pg)	SD 95	15.4 ± 0.1 (10)	14.9 ± 0.2 (9)
Percent of Control		99.3	96.0
Mean Cell Hemoglobin Concentration (g/dL)	SD 95	33.2 ± 0.2 (10)	32.7 ± 0.5 (9)
Percent of Control		101.1	99.5
Packed Cell Volume (%)	SD 95	48.7 ± 0.3 (10)	49.5 ± 0.5 (9)
Percent of Control		97.9	99.5

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Male

	Phase Day	Treatment Groups (ppm)	
		50	100
Platelets (10 ³ /uL)	SD 95	1101.0 ± 33 (10)	1085.0 ± 53 (9)
Percent of Control		103.0	102.0
White Blood Cells (10 ³ /uL)	SD 95	4.49 ± 0.37 (10)	4.61 ± 0.42 (9)
Percent of Control		107.12	110.06
Neutrophils (10 ³ /uL)	SD 95	1.13 ± 0.24 (10)	1.50 ± 0.36 (9)
Percent of Control		205.79	274.80
Immature Neutrophils (10 ³ /uL) (K/uL)	SD 95	0.00 ± 0.00 (10)	0.00 ± 0.00 (9)
Percent of Control			
Lymphocytes (10 ³ /uL)	SD 95	3.15 ± 0.22 (10)	2.90 ± 0.26 (9)
Percent of Control		92.56	85.11
Total Lymphocytes (10 ³ /uL)	SD 95	3.19 ± 0.22 (10)	2.93 ± 0.26 (9)
Percent of Control		92.52	84.83
Monocytes (10 ³ /uL)	SD 95	0.08 ± 0.01 (10)	0.07 ± 0.01 (9)
Percent of Control		97.83	85.51
Basophils (10 ³ /uL)	SD 95	0.02 ± 0.01 (10)	0.01 ± 0.00 (9)
Percent of Control		126.00	80.00
Eosinophils (10 ³ /uL)	SD 95	0.07 ± 0.01 (10)	0.11 ± 0.02 (9)
Percent of Control		75.35	110.47
Large Unstained Cells (10 ³ /uL)	SD 95	0.04 ± 0.00 (10)	0.03 ± 0.01 (9)
Percent of Control		96.59	70.73
Howel Jolly Bodies Percentage	SD 95	0.2 ± 0.0 (10)	0.1 ± 0.0 (9)
Percent of Control		75.0	61.1

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Male

	Phase Day	Treatment Groups (ppm)	
		50	100
Neutrophil Percentage Percent of Control	SD 95	23.7 ± 3.7 (10) 178.4	31.4 ± 4.7 (9) 236.3
Immature Neutrophil Percentage Percent of Control	SD 95	0.0 ± 0.0 (10)	0.0 ± 0.0 (9)
Lymphocyte Percentage Percent of Control	SD 95	71.5 ± 3.6 (10) 88.1	63.7 ± 4.3 (9) 78.6
Total Lymphocyte Percentage Percent of Control	SD 95	72.5 ± 3.6 (10) 88.2	64.5 ± 4.4 (9) 78.4
Monocyte Percentage Percent of Control	SD 95	1.7 ± 0.2 (10) 94.5	1.4 ± 0.1 (9) 80.7
Basophil Percentage Percent of Control	SD 95	0.5 ± 0.1 (10) 120.9	0.3 ± 0.1 (9) 71.4
Eosinophil Percentage Percent of Control	SD 95	1.6 ± 0.2 (10) 70.0	2.4 ± 0.7 (9) 103.8
Large Unstained Cell Percentage Percent of Control	SD 95	1.0 ± 0.1 (10) 94.7	0.7 ± 0.1 (9) 69.5

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Female

	Phase Day	Treatment Groups (ppm)			
		0	6.25	12.5	25
Hematocrit (Spun) (%)	SD 96	51.9 ± 0.6 (10)	52.2 ± 0.3 (10)	51.8 ± 0.4 (10)	51.6 ± 0.7 (10)
Percent of Control			100.6	99.8	99.5
Hemoglobin (g/dL)	SD 96	16.6 ± 0.1 (10)	16.7 ± 0.1 (9)	16.6 ± 0.1 (10)	16.5 ± 0.2 (10)
Percent of Control			100.5	99.8	99.5
Erythrocytes (10 ⁶ /uL)	SD 96	10.47 ± 0.11 (10)	10.53 ± 0.06 (9)	10.48 ± 0.06 (10)	10.43 ± 0.10 (10)
Percent of Control			100.60	100.10	99.60
Reticulocytes (10 ³ /uL)	SD 96	312.6 ± 19.5 (10)	306.4 ± 9.8 (9)	283.4 ± 13.8 (10)	289.1 ± 19.5 (10)
Percent of Control			98.0	90.7	92.5
Reticulocyte Percentage	SD 96	3.0 ± 0.2 (10)	2.9 ± 0.1 (9)	2.7 ± 0.1 (10)	2.8 ± 0.2 (10)
Percent of Control			97.8	90.3	93.0
Nucleated Red Blood Cells (/100 WBC)	SD 96	0.00 ± 0.00 (10)	0.00 ± 0.00 (9)	0.00 ± 0.00 (10)	0.00 ± 0.00 (10)
Percent of Control					
Total Nucleated Cells (K/uL)	SD 96	4.10 ± 0.36 (10)	3.90 ± 0.37 (9)	3.71 ± 0.29 (10)	4.34 ± 0.38 (10)
Percent of Control			95.06	90.56	105.90
Mean Cell Volume (fL)	SD 96	50.1 ± 0.3 (10)	49.9 ± 0.2 (9)	50.0 ± 0.2 (10)	50.0 ± 0.2 (10)
Percent of Control			99.6	99.8	99.8
Mean Cell Hemoglobin (pg)	SD 96	15.9 ± 0.1 (10)	15.8 ± 0.1 (9)	15.8 ± 0.1 (10)	15.9 ± 0.1 (10)
Percent of Control			99.7	99.3	99.9
Mean Cell Hemoglobin Concentration (g/dL)	SD 96	31.7 ± 0.2 (10)	31.7 ± 0.2 (9)	31.6 ± 0.2 (10)	31.7 ± 0.2 (10)
Percent of Control			100.1	99.7	100.1
Packed Cell Volume (%)	SD 96	52.4 ± 0.5 (10)	52.6 ± 0.3 (9)	52.4 ± 0.3 (10)	52.2 ± 0.6 (10)
Percent of Control			100.3	99.9	99.5

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Female

	Phase Day	Treatment Groups (ppm)							
		0		6.25		12.5		25	
Platelets (10 ³ /uL)	SD 96	839.0 ± 22	(10)	904.0 ± 20	(9)	898.0 ± 27	(10)	960.0 ± 46	(10)
Percent of Control				108.0		107.0		114.0	
White Blood Cells (10 ³ /uL)	SD 96	4.10 ± 0.36	(10)	3.90 ± 0.37	(9)	3.71 ± 0.29	(10)	4.34 ± 0.38	(10)
Percent of Control				95.06		90.56		105.90	
Neutrophils (10 ³ /uL)	SD 96	0.52 ± 0.04	(10)	0.50 ± 0.06	(9)	0.45 ± 0.05	(10)	0.59 ± 0.08	(10)
Percent of Control				95.12		86.56		113.05	
Immature Neutrophils (10 ³ /uL) (K/uL)	SD 96	0.00 ± 0.00	(10)	0.00 ± 0.00	(9)	0.00 ± 0.00	(10)	0.00 ± 0.00	(10)
Percent of Control									
Lymphocytes (10 ³ /uL)	SD 96	3.36 ± 0.30	(10)	3.22 ± 0.31	(9)	3.07 ± 0.23	(10)	3.54 ± 0.29	(10)
Percent of Control				95.73		91.43		105.30	
Total Lymphocytes (10 ³ /uL)	SD 96	3.42 ± 0.31	(10)	3.28 ± 0.31	(9)	3.14 ± 0.23	(10)	3.61 ± 0.30	(10)
Percent of Control				95.89		91.64		105.55	
Monocytes (10 ³ /uL)	SD 96	0.06 ± 0.01	(10)	0.05 ± 0.01	(9)	0.05 ± 0.01	(10)	0.07 ± 0.01	(10)
Percent of Control				95.24		91.07		119.64	
Basophils (10 ³ /uL)	SD 96	0.01 ± 0.00	(10)	0.02 ± 0.01	(9)	0.03 ± 0.01	(10)	0.02 ± 0.00	(10)
Percent of Control				150.79		178.57		164.29	
Eosinophils (10 ³ /uL)	SD 96	0.08 ± 0.02	(10)	0.05 ± 0.01	(9)	0.06 ± 0.01	(10)	0.05 ± 0.01	(10)
Percent of Control				63.49		67.86		61.90	
Large Unstained Cells (10 ³ /uL)	SD 96	0.06 ± 0.01	(10)	0.07 ± 0.01	(9)	0.06 ± 0.01	(10)	0.08 ± 0.01	(10)
Percent of Control				105.73		98.39		120.97	
Howel Jolly Bodies Percentage	SD 96	0.1 ± 0.0	(10)	0.1 ± 0.0	(9)	0.1 ± 0.0	(10)	0.1 ± 0.0	(10)
Percent of Control				83.3		66.7		91.7	

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Female

	Phase Day	Treatment Groups (ppm)			
		0	6.25	12.5	25
Neutrophil Percentage Percent of Control	SD 96	12.9 ± 0.7 (10)	12.7 ± 0.6 (9) 98.5	12.0 ± 0.7 (10) 92.8	13.2 ± 0.9 (10) 102.2
Immature Neutrophil Percentage Percent of Control	SD 96	0.0 ± 0.0 (10)	0.0 ± 0.0 (9)	0.0 ± 0.0 (10)	0.0 ± 0.0 (10)
Lymphocyte Percentage Percent of Control	SD 96	81.8 ± 0.8 (10)	82.5 ± 0.6 (9) 100.8	82.9 ± 0.5 (10) 101.4	82.0 ± 1.0 (10) 100.3
Total Lymphocyte Percentage Percent of Control	SD 96	83.3 ± 0.7 (10)	84.2 ± 0.7 (9) 101.0	84.7 ± 0.6 (10) 101.6	83.7 ± 0.9 (10) 100.4
Monocyte Percentage Percent of Control	SD 96	1.4 ± 0.1 (10)	1.3 ± 0.1 (9) 92.9	1.3 ± 0.1 (10) 95.7	1.5 ± 0.1 (10) 105.7
Basophil Percentage Percent of Control	SD 96	0.3 ± 0.1 (10)	0.6 ± 0.1 (9) 173.2	0.8 ± 0.2 (10) 220.6	0.5 ± 0.1 (10) 132.4
Eosinophil Percentage Percent of Control	SD 96	2.1 ± 0.3 (10)	1.5 ± 0.2 (9) 71.5	1.6 ± 0.2 (10) 76.1	1.2 ± 0.1 (10) 60.0
Large Unstained Cell Percentage Percent of Control	SD 96	1.5 ± 0.1 (10)	1.7 ± 0.1 (9) 112.6	1.8 ± 0.3 (10) 116.6	1.6 ± 0.2 (10) 108.6

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Female

	Phase Day	Treatment Groups (ppm)	
		50	100
Hematocrit (Spun) (%)	SD 96	51.5 ± 0.5 (10)	50.4 ± 0.7 (10)
Percent of Control		99.2	97.2
Hemoglobin (g/dL)	SD 96	16.5 ± 0.1 (10)	16.2 ± 0.2 (10)
Percent of Control		99.2	97.7
Erythrocytes (10 ⁶ /uL)	SD 96	10.47 ± 0.08 (10)	10.51 ± 0.16 (10)
Percent of Control		100.03	100.35
Reticulocytes (10 ³ /uL)	SD 96	284.3 ± 15.9 (10)	300.0 ± 31.5 (10)
Percent of Control		91.0	96.0
Reticulocyte Percentage	SD 96	2.7 ± 0.2 (10)	2.9 ± 0.3 (10)
Percent of Control		90.7	95.3
Nucleated Red Blood Cells (/100 WBC)	SD 96	0.00 ± 0.00 (10)	0.00 ± 0.00 (10)
Percent of Control			
Total Nucleated Cells (K/uL)	SD 96	4.08 ± 0.42 (10)	4.14 ± 0.38 (10)
Percent of Control		99.46	101.10
Mean Cell Volume (fL)	SD 96	49.4 ± 0.1 (10)	48.0 ± 0.2 (10)
Percent of Control		98.5	95.8
Mean Cell Hemoglobin (pg)	SD 96	15.7 ± 0.1 (10)	15.4 ± 0.1 (10)
Percent of Control		99.1	97.3
Mean Cell Hemoglobin Concentration (g/dL)	SD 96	31.8 ± 0.2 (10)	32.2 ± 0.2 (10)
Percent of Control		100.5	101.6
Packed Cell Volume (%)	SD 96	51.7 ± 0.3 (10)	50.4 ± 0.8 (10)
Percent of Control		98.6	96.1

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Female

	Phase Day	Treatment Groups (ppm)	
		50	100
Platelets (10 ³ /uL)	SD 96	980.0 ± 35 (10)	999.0 ± 27 (10)
Percent of Control		117.0	119.0
White Blood Cells (10 ³ /uL)	SD 96	4.08 ± 0.42 (10)	4.14 ± 0.38 (10)
Percent of Control		99.46	101.10
Neutrophils (10 ³ /uL)	SD 96	0.88 ± 0.11 (10)	1.37 ± 0.22 (10)
Percent of Control		167.95	262.38
Immature Neutrophils (10 ³ /uL) (K/uL)	SD 96	0.00 ± 0.00 (10)	0.00 ± 0.00 (10)
Percent of Control			
Lymphocytes (10 ³ /uL)	SD 96	3.01 ± 0.34 (10)	2.60 ± 0.19 (10)
Percent of Control		89.58	77.35
Total Lymphocytes (10 ³ /uL)	SD 96	3.06 ± 0.35 (10)	2.63 ± 0.20 (10)
Percent of Control		89.40	76.89
Monocytes (10 ³ /uL)	SD 96	0.05 ± 0.00 (10)	0.05 ± 0.01 (10)
Percent of Control		94.64	92.86
Basophils (10 ³ /uL)	SD 96	0.02 ± 0.00 (10)	0.01 ± 0.00 (10)
Percent of Control		121.43	92.86
Eosinophils (10 ³ /uL)	SD 96	0.08 ± 0.01 (10)	0.08 ± 0.02 (10)
Percent of Control		91.67	92.86
Large Unstained Cells (10 ³ /uL)	SD 96	0.05 ± 0.01 (10)	0.03 ± 0.00 (10)
Percent of Control		80.65	53.23
Howel Jolly Bodies Percentage	SD 96	0.1 ± 0.0 (10)	0.1 ± 0.0 (10)
Percent of Control		83.3	66.7

Experiment Number: C08010-02
Test Type: TOX
Route: Whole-Body Inhalation
Species/Strain: Mouse/B6C3F1/N

PA43: Hematology Summary
Test Compound: 2,3-Pentanedione
CAS Number: 600-14-6

Date Report Requested: 05/02/2017
Time Report Requested: 11:43:35
Lab: NTP

Female

	Phase Day	Treatment Groups (ppm)	
		50	100
Neutrophil Percentage Percent of Control	SD 96	21.6 ± 2.1 (10) 167.3	31.4 ± 2.9 (10) 243.1
Immature Neutrophil Percentage Percent of Control	SD 96	0.0 ± 0.0 (10)	0.0 ± 0.0 (10)
Lymphocyte Percentage Percent of Control	SD 96	73.7 ± 2.1 (10) 90.1	64.3 ± 3.1 (10) 78.6
Total Lymphocyte Percentage Percent of Control	SD 96	74.9 ± 2.2 (10) 89.9	65.1 ± 3.1 (10) 78.2
Monocyte Percentage Percent of Control	SD 96	1.3 ± 0.1 (10) 92.9	1.3 ± 0.1 (10) 90.0
Basophil Percentage Percent of Control	SD 96	0.4 ± 0.1 (10) 123.5	0.3 ± 0.0 (10) 94.1
Eosinophil Percentage Percent of Control	SD 96	1.9 ± 0.2 (10) 94.1	1.9 ± 0.3 (10) 93.7
Large Unstained Cell Percentage Percent of Control	SD 96	1.2 ± 0.2 (10) 78.1	0.8 ± 0.1 (10) 53.6

Experiment Number: C08010-02

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Mouse/B6C3F1/N

PA43: Hematology Summary

Test Compound: 2,3-Pentanedione

CAS Number: 600-14-6

Date Report Requested: 05/02/2017

Time Report Requested: 11:43:35

Lab: NTP

LEGEND

SD – Study Day; GD – Gestation Day; LD – Lactation Day; PND – Postnatal Day, adults post-weaning

Values given as mean \pm SEM (N) with Percent of Control calculated by (dosed group mean / control group mean) x 100

Hematology for gestation phase includes pregnant females only

Statistical analysis performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

**** END OF REPORT ****