

Study Number: MOG08002B
Test Type: MOG
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA43: Hematology Summary
Test Compound: Bisphenol AF
CAS Number: 1478-61-1

Date Report Requested: 05/19/2020
Time Report Requested: 09:10:56
Lab: RTI

Study Number:

MOG08002B

Study Gender:

Both

PWG Approval Date

See web page for date of PWG Approval

Study Number: MOG08002B
Test Type: MOG
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA43: Hematology Summary
Test Compound: Bisphenol AF
CAS Number: 1478-61-1

Date Report Requested: 05/19/2020
Time Report Requested: 09:10:56
Lab: RTI

F1 Male: Subchronic Male

	Phase Day	Treatment Groups (ppm)			
		0	338	1125	3750
Hematocrit (%)	PND 115 - 119	56.6 ± 0.5 (7)	55.9 ± 1.1 (9)	56.7 ± 0.9 (7)	56.5 ± 1.0 (7)
Percent of Control			98.8	100.1	99.7
Hemoglobin (g/dL)	PND 115 - 119	17.0 ± 0.1 (7)	16.9 ± 0.2 (9)	17.1 ± 0.2 (7)	17.0 ± 0.3 (7)
Percent of Control			99.6	100.9	99.9
Erythrocytes (10 ⁶ /uL)	PND 115 - 119	9.86 ± 0.10 (7)	9.68 ± 0.20 (9)	9.61 ± 0.17 (7)	9.37 ± 0.18 (7)
Percent of Control			98.2	97.5	95.1
Reticulocytes (10 ³ /uL)	PND 115 - 119	236.5 ± 11.1 (7) *	244.0 ± 7.9 (9)	255.4 ± 9.7 (7)	281.4 ± 15.5 (7)
Percent of Control			103.2	108.0	119.0
Mean Cell Volume (fL)	PND 115 - 119	57.4 ± 0.3 (7) **	57.8 ± 0.2 (9)	59.0 ± 0.4 (7) **	60.3 ± 0.6 (7) **
Percent of Control			100.6	102.7	105.0
Mean Cell Hemoglobin (pg)	PND 115 - 119	17.2 ± 0.2 (7) **	17.5 ± 0.2 (9)	17.8 ± 0.2 (7)	18.1 ± 0.2 (7) **
Percent of Control			101.6	103.7	105.1
Mean Cell Hemoglobin Concentration (g/dL)	PND 115 - 119	30.0 ± 0.2 (7)	30.3 ± 0.3 (9)	30.2 ± 0.3 (7)	30.0 ± 0.2 (7)
Percent of Control			100.9	100.9	100.0
Platelets (10 ³ /uL)	PND 115 - 119	555 ± 48 (7)	557 ± 57 (9)	938 ± 201 (7)	557 ± 29 (7)
Percent of Control			100.4	169.0	100.4
White Blood Cells (10 ³ /uL)	PND 115 - 119	8.82 ± 1.60 (7)	9.42 ± 1.53 (9)	5.74 ± 1.02 (7)	8.40 ± 1.84 (7)
Percent of Control			106.7	65.0	95.2
Neutrophils (10 ³ /uL)	PND 115 - 119	1.83 ± 0.55 (7)	1.22 ± 0.20 (9)	1.12 ± 0.30 (7)	1.33 ± 0.24 (7)
Percent of Control			66.7	61.0	72.7
Lymphocytes (10 ³ /uL)	PND 115 - 119	6.11 ± 1.14 (7)	7.34 ± 1.14 (9)	4.13 ± 0.88 (7)	6.22 ± 1.52 (7)
Percent of Control			120.1	67.6	101.8

Study Number: MOG08002B
Test Type: MOG
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA43: Hematology Summary
Test Compound: Bisphenol AF
CAS Number: 1478-61-1

Date Report Requested: 05/19/2020
Time Report Requested: 09:10:56
Lab: RTI

F1 Male: Subchronic Male

	Phase Day	Treatment Groups (ppm)			
		0	338	1125	3750
Monocytes (10 ³ /uL) Percent of Control	PND 115 - 119	0.25 ± 0.10 (7)	0.24 ± 0.07 (9) 94.7	0.13 ± 0.03 (7) 50.3	0.22 ± 0.05 (7) 86.3
Basophils (10 ³ /uL) Percent of Control	PND 115 - 119	0.25 ± 0.07 (7)	0.28 ± 0.08 (9) 110.7	0.17 ± 0.07 (7) 67.8	0.27 ± 0.09 (7) 108.5
Eosinophils (10 ³ /uL) Percent of Control	PND 115 - 119	0.30 ± 0.09 (7)	0.24 ± 0.05 (9) 82.7	0.22 ± 0.05 (7) 74.4	0.35 ± 0.06 (7) 117.4
Large Unstained Cells (10 ³ /uL) Percent of Control	PND 115 - 119	0.08 ± 0.02 (7)	0.09 ± 0.02 (9) 111.1	0.05 ± 0.01 (7) 60.7	0.11 ± 0.04 (7) 137.5

Study Number: MOG08002B
Test Type: MOG
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA43: Hematology Summary
Test Compound: Bisphenol AF
CAS Number: 1478-61-1

Date Report Requested: 05/19/2020
Time Report Requested: 09:10:56
Lab: RTI

F1 Female: Subchronic Females

	Phase Day	Treatment Groups (ppm)			
		0	338	1125	3750
Hematocrit (%)	PND 116 - 120	51.0 ± 0.8 (10) *	50.6 ± 0.5 (10)	50.0 ± 0.8 (10)	49.0 ± 0.6 (10)
Percent of Control			99.3	98.0	96.1
Hemoglobin (g/dL)	PND 116 - 120	16.1 ± 0.2 (10) **	15.9 ± 0.1 (10)	15.7 ± 0.2 (10)	15.3 ± 0.2 (10) **
Percent of Control			98.9	97.6	95.1
Erythrocytes (10 ⁶ /uL)	PND 116 - 120	8.81 ± 0.15 (10) **	8.68 ± 0.07 (10)	8.55 ± 0.10 (10)	8.27 ± 0.09 (10) **
Percent of Control			98.5	97.0	93.9
Reticulocytes (10 ³ /uL)	PND 116 - 120	206.3 ± 12.7 (10)	214.4 ± 11.4 (10)	210.0 ± 12.9 (10)	236.3 ± 17.7 (10)
Percent of Control			103.9	101.8	114.6
Mean Cell Volume (fL)	PND 116 - 120	57.9 ± 0.4 (10) *	58.3 ± 0.4 (10)	58.5 ± 0.6 (10)	59.2 ± 0.3 (10)
Percent of Control			100.8	101.0	102.3
Mean Cell Hemoglobin (pg)	PND 116 - 120	18.3 ± 0.2 (10)	18.3 ± 0.1 (10)	18.4 ± 0.1 (10)	18.5 ± 0.1 (10)
Percent of Control			100.2	100.4	101.1
Mean Cell Hemoglobin Concentration (g/dL)	PND 116 - 120	31.6 ± 0.2 (10)	31.4 ± 0.1 (10)	31.4 ± 0.1 (10)	31.3 ± 0.1 (10)
Percent of Control			99.5	99.5	99.0
Platelets (10 ³ /uL)	PND 116 - 120	601 ± 34 (10)	620 ± 25 (10)	705 ± 53 (10)	634 ± 39 (10)
Percent of Control			103.1	117.2	105.5
White Blood Cells (10 ³ /uL)	PND 116 - 120	10.36 ± 0.72 (10) **	9.57 ± 0.92 (10)	8.57 ± 0.64 (10)	7.70 ± 0.80 (10) *
Percent of Control			92.4	82.7	74.3
Neutrophils (10 ³ /uL)	PND 116 - 120	1.42 ± 0.16 (10)	1.16 ± 0.09 (10)	1.05 ± 0.11 (10)	1.17 ± 0.19 (10)
Percent of Control			81.8	74.1	82.3
Lymphocytes (10 ³ /uL)	PND 116 - 120	7.76 ± 0.54 (10) *	7.48 ± 0.84 (10)	6.83 ± 0.52 (10)	5.81 ± 0.66 (10)
Percent of Control			96.4	88.0	74.9

Study Number: MOG08002B
Test Type: MOG
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA43: Hematology Summary
Test Compound: Bisphenol AF
CAS Number: 1478-61-1

Date Report Requested: 05/19/2020
Time Report Requested: 09:10:56
Lab: RTI

F1 Female: Subchronic Females

	Phase Day	Treatment Groups (ppm)			
		0	338	1125	3750
Monocytes (10 ³ /uL) Percent of Control	PND 116 - 120	0.39 ± 0.04 (10) **	0.33 ± 0.04 (10) 85.0	0.27 ± 0.03 (10) * 68.0	0.26 ± 0.05 (10) * 65.2
Basophils (10 ³ /uL) Percent of Control	PND 116 - 120	0.25 ± 0.03 (10) **	0.14 ± 0.02 (10) ** 54.2	0.12 ± 0.01 (10) ** 47.0	0.10 ± 0.02 (10) ** 41.4
Eosinophils (10 ³ /uL) Percent of Control	PND 116 - 120	0.39 ± 0.05 (10) *	0.35 ± 0.05 (10) 89.2	0.20 ± 0.03 (10) * 52.3	0.27 ± 0.06 (10) 69.2
Large Unstained Cells (10 ³ /uL) Percent of Control	PND 116 - 120	0.15 ± 0.02 (10) *	0.11 ± 0.02 (10) 76.5	0.09 ± 0.01 (10) * 63.1	0.09 ± 0.02 (10) 61.7

Study Number: MOG08002B
Test Type: MOG
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA43: Hematology Summary
Test Compound: Bisphenol AF
CAS Number: 1478-61-1

Date Report Requested: 05/19/2020
Time Report Requested: 09:10:56
Lab: RTI

LEGEND

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

PND - Postnatal Day, adults post-weaning

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 ****