

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

I06: Mean Feed Consumption
Test Compound: Bisphenol AF
CAS Number: 1478-61-1

Date Report Requested: 06/19/2020
Time Report Requested: 12:35:59
Lab: RTI

Study Number:

MOG08002B

Study Gender:

Both

PWG Approval Date

See web page for date of PWG Approval

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F0 Females

Treatment Groups (ppm)

Phase	Days	0			338			1125		
		Wt (g/animal/day)	Wt (g/kg/day)	N	Wt (g/animal/day)	Wt (g/kg/day)	N	Wt (g/animal/day)	Wt (g/kg/day)	N
Gestation	3 - 6	17.7 ± 0.2	76.4 ± 1.0	30	18.2 ± 0.3	78.3 ± 1.2	32	18.2 ± 0.3	78.6 ± 1.1	33
	6 - 9	18.1 ± 0.3 *	74.0 ± 0.9	30	18.1 ± 0.3	73.9 ± 1.1	31	15.2 ± 0.7 **	63.9 ± 2.7 *	27
	9 - 12	18.8 ± 0.3 **	73.2 ± 1.0 **	29	18.8 ± 0.3	72.8 ± 1.0	32	16.4 ± 0.7 **	66.5 ± 2.6 **	32
	12 - 15	19.5 ± 0.3	71.2 ± 0.8 **	30	19.9 ± 0.5	72.7 ± 1.5	32	23.9 ± 1.6	92.5 ± 6.3 **	29
	15 - 18	22.4 ± 0.6 **	74.2 ± 1.3 *	30	23.1 ± 0.4	76.5 ± 0.9	32	20.6 ± 0.5 **	72.2 ± 1.6	33
	18 - 21	22.0 ± 0.5	65.0 ± 1.1	27	22.1 ± 0.5	65.3 ± 1.9	29	19.1 ± 0.6 **	59.8 ± 2.0	30
	6 - 21	20.0 ± 0.3 *	70.8 ± 0.7	27	20.5 ± 0.4	71.9 ± 0.9	29	19.5 ± 0.7	71.9 ± 2.3	30
Lactation	1 - 4	33.0 ± 0.8 **	123.4 ± 3.2 **	24	32.0 ± 1.1	120.4 ± 4.3	28	38.3 ± 2.8	163.8 ± 12.0 *	22
	4 - 7	43.1 ± 0.8 **	154.3 ± 2.4	23	42.3 ± 1.0	152.1 ± 3.5	24	41.9 ± 1.2	165.4 ± 4.3	24
	7 - 10	56.4 ± 1.1 *	195.6 ± 4.3 **	23	54.7 ± 1.3	190.5 ± 4.6	24	56.2 ± 1.8	211.1 ± 6.5	25
	10 - 13	62.8 ± 1.0	207.9 ± 3.3 **	23	61.8 ± 1.3	206.5 ± 4.3	23	62.9 ± 1.7	230.0 ± 6.9 *	23
	1 - 13	49.0 ± 0.7	172.5 ± 2.6 **	23	47.6 ± 1.1	168.7 ± 3.8	24	50.7 ± 1.4	198.3 ± 5.3 **	25
	13 - 16	68.3 ± 1.2	223.1 ± 4.0 **	23	65.2 ± 1.8	214.8 ± 5.8	24	77.2 ± 3.4	277.6 ± 13.1 **	22
	1 - 16	52.8 ± 0.8	183.7 ± 2.8 **	23	51.1 ± 1.2	179.0 ± 4.0	24	55.8 ± 1.6	214.9 ± 6.4 **	25
	16 - 19	70.1 ± 1.5 **	229.8 ± 4.6	23	69.1 ± 2.5	231.0 ± 9.0	24	66.4 ± 1.8	234.6 ± 5.8	24
	19 - 21	84.6 ± 2.0	279.5 ± 6.8	23	82.6 ± 3.4	280.4 ± 11.4	24	101.8 ± 5.7	363.8 ± 21.1 *	24
	21 - 25	93.1 ± 2.3	322.2 ± 7.4	23	90.8 ± 3.2	322.2 ± 12.2	24	94.6 ± 2.2	343.1 ± 8.8	25
	25 - 28	112.0 ± 2.5 *	405.4 ± 11.6 *	23	104.7 ± 4.2	386.4 ± 18.0	24	107.1 ± 2.6	396.4 ± 11.9	23
	16 - 28	90.6 ± 1.5	309.2 ± 5.6	23	87.5 ± 3.0	304.9 ± 11.3	24	92.0 ± 2.1	332.0 ± 8.1	25
	4 - 28	74.1 ± 1.1	254.0 ± 4.1 **	23	71.6 ± 2.1	249.1 ± 7.5	24	75.9 ± 1.7	280.3 ± 6.9 **	25
1 - 28	69.6 ± 1.0	241.4 ± 3.9 **	23	67.3 ± 1.9	236.6 ± 6.9	24	72.5 ± 1.6	272.5 ± 6.6 **	25	

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F0 Females

Phase	Days	Treatment Groups (ppm)		
		3750		
		Wt (g/animal/day)	Wt (g/kg/day)	N
Gestation	3 - 6	17.7 ± 0.3	76.2 ± 1.3	29
	6 - 9	20.6 ± 2.9	88.1 ± 11.7	7
	9 - 12	15.5 ± 1.1 **	65.4 ± 5.1 **	29
	12 - 15	26.8 ± 5.3	105.9 ± 19.3 *	3
	15 - 18	18.6 ± 0.6 **	69.2 ± 2.2	26
	18 - 21	23.5 ± 1.1	77.2 ± 3.5 *	18
	6 - 21	19.2 ± 0.5	74.3 ± 2.1	26
Lactation	1 - 4	45.4 ± 2.5 **	205.2 ± 12.4 **	13
	4 - 7	38.1 ± 1.4 **	160.2 ± 6.0	23
	7 - 10	68.3 ± 3.4 **	275.8 ± 14.4 **	17
	10 - 13	69.3 ± 3.4	269.1 ± 13.3 **	14
	1 - 13	54.4 ± 2.3	227.3 ± 9.2 **	22
	13 - 16	69.4 ± 6.2	258.4 ± 23.3 *	7
	1 - 16	56.1 ± 2.2	229.6 ± 9.0 **	22
	16 - 19	60.7 ± 2.8 **	228.1 ± 12.3	20
	19 - 21	59.8 ± 5.9 **	221.0 ± 21.9	20
	21 - 25	79.7 ± 4.3 *	294.6 ± 14.6	12
	25 - 28	122.2 ± 4.1 *	449.1 ± 16.6 *	22
16 - 28	83.5 ± 2.9	308.5 ± 11.4	22	
4 - 28	72.0 ± 2.3	277.4 ± 9.4 **	22	
1 - 28	70.3 ± 2.4	275.8 ± 9.9 **	22	

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LEGEND

Reported as the mean \pm SEM. N is the number of animals, number of cages for group housed adult animals or number of litters.

Feed consumption values were excluded when excessive spillage was recorded.

Statistical analysis for the F0 animals, F1 Fertility Females, F1 Prenatal Females, F1 Subchronic Females and F1 Subchronic Males was performed by Jonckheere (trend) and Williams or Dunnett (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 $P \leq 0.01$

Consumption is not reported for the non-pregnant animals during gestation and lactation phases

Consumption is not reported for animals during mating

Implausible feed weights that were excluded as outliers included - for one F0 female GD12-15 in the 1125 ppm group, one F0 female LD10-13 in the 338 ppm group, one F1 Fertility Female GD3-6 in the 1125 ppm group, two F1 Fertility Female LD7-10 in the control group, one F1 Fertility Female LD1-4 in the 338 ppm group, and one F1 Prenatal Female GD9-12 in the 338 ppm group.

**** END OF REPORT ****