

Study Number: MOG08002
Test Type: MOG - Range Finding
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R19G: Pup Mean Body Weight Gain
Test Compound: Bisphenol AF
CAS Number: 1478-61-1

Date Report Requested: 05/05/2020
Time Report Requested: 06:59:28
Lab: RTI

Study Number:

MOG08002

Study Gender:

Female

PWG Approval Date

See web page for date of PWG Approval

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F1 Males

Treatment Groups (ppm)

Phase	Days	0		937.5		1875		3750		7500	
		WT Gain (g)	N	WT Gain (g)	N	WT Gain (g)	N	WT Gain (g)	N	WT Gain (g)	N
PND	1 - 4	2.81 ± 0.20	51 (7)	0.61 ± 1.03 **	17 (3)	2.02 ± 0.30	47 (8)	1.99 ± 0.41	38 (6)	1.83 ± 0.15	21 (5)
	4 - 7	4.34 ± 0.32 **	46 (7)	1.97 ± 0.76 **	15 (3)	3.57 ± 0.31	43 (8)	3.21 ± 0.26 *	29 (6)	2.57 ± 0.32 **	21 (5)
	7 - 14	13.77 ± 0.56 **	46 (7)	10.92 ± 1.05	11 (3)	12.24 ± 0.48	43 (8)	12.00 ± 1.12	22 (6)	4.60 ± 1.73 **	18 (5)
	14 - 21	11.56 ± 0.80 *	46 (7)	14.97 ± 1.50	11 (3)	12.28 ± 1.47	43 (8)	12.02 ± 1.44	22 (6)	7.34 ± 0.87	16 (4)
	21 - 24	15.06 ± 0.66 **	46 (7)	9.32 ± 1.82 **	11 (3)	11.66 ± 0.75 **	43 (8)	10.44 ± 0.37 **	22 (6)	4.42 ± 0.23 **	16 (4)
	24 - 25	4.20 ± 0.32 **	46 (7)	2.80 ± 0.61	11 (3)	3.73 ± 0.28	42 (8)	3.42 ± 0.18	22 (6)	0.25 ± 0.96 **	16 (4)
	25 - 28	14.30 ± 0.76 **	46 (7)	13.01 ± 1.20	11 (3)	11.52 ± 0.92	42 (8)	12.46 ± 0.60	22 (6)	5.56 ± 0.98 **	16 (4)
	1 - 28	66.09 ± 1.50 **	46 (7)	53.69 ± 3.63 *	11 (3)	57.43 ± 2.56 *	43 (8)	55.11 ± 1.94 **	22 (6)	28.04 ± 2.94 **	16 (4)

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F1 Females

Treatment Groups (ppm)

Phase	Days	0		937.5		1875		3750		7500	
		WT Gain (g)	N	WT Gain (g)	N	WT Gain (g)	N	WT Gain (g)	N	WT Gain (g)	N
PND	1 - 4	2.72 ± 0.14	41 (7)	0.96 ± 0.63	13 (4)	2.02 ± 0.28	46 (8)	1.80 ± 0.55	31 (6)	1.35 ± 0.58	16 (4)
	4 - 7	3.94 ± 0.20 **	38 (7)	1.87 ± 0.81 *	12 (3)	3.48 ± 0.30	39 (8)	3.22 ± 0.32	28 (6)	1.48 ± 0.69 **	16 (4)
	7 - 14	12.91 ± 0.52 **	37 (7)	10.57 ± 1.97	10 (3)	12.17 ± 0.46	36 (8)	10.74 ± 1.19	25 (6)	5.18 ± 1.90 **	10 (4)
	14 - 21	10.73 ± 0.73 *	37 (7)	13.17 ± 2.03	10 (3)	12.71 ± 1.37	36 (8)	11.39 ± 1.11	25 (6)	6.26 ± 1.41	9 (4)
	21 - 24	13.97 ± 0.39 **	37 (7)	10.12 ± 1.55	10 (3)	11.14 ± 0.62	36 (8)	10.05 ± 0.69 *	25 (6)	2.34 ± 0.76 **	9 (4)
	24 - 25	3.90 ± 0.41	36 (7)	3.12 ± 0.06	10 (3)	3.75 ± 0.67	36 (8)	3.25 ± 0.30	25 (6)	1.05 ± 0.45	9 (4)
	25 - 28	12.13 ± 0.67 **	36 (7)	11.56 ± 0.31	10 (3)	10.10 ± 0.80	36 (8)	11.21 ± 0.54	25 (6)	3.14 ± 1.63 *	9 (4)
	1 - 28	60.34 ± 0.93 **	37 (7)	51.98 ± 4.73	10 (3)	55.43 ± 1.77	36 (8)	51.92 ± 2.06 **	25 (6)	20.33 ± 4.27 **	9 (4)

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F1 Pups

Treatment Groups (ppm)

Phase	Days	0		937.5		1875		3750		7500	
		WT Gain (g)	N	WT Gain (g)	N	WT Gain (g)	N	WT Gain (g)	N	WT Gain (g)	N
PND	1 - 4	2.79 ± 0.16	92 (7)	0.69 ± 0.70 **	30 (4)	2.01 ± 0.29	93 (8)	1.89 ± 0.49	69 (6)	1.58 ± 0.45	37 (6)
	4 - 7	4.18 ± 0.26 **	84 (7)	1.45 ± 0.74 **	27 (4)	3.52 ± 0.29	82 (8)	3.20 ± 0.30	57 (6)	2.14 ± 0.62 **	37 (6)
	7 - 14	13.38 ± 0.55 **	83 (7)	9.86 ± 1.75	21 (4)	12.20 ± 0.42	79 (8)	10.99 ± 1.13	47 (6)	4.72 ± 1.54 **	28 (6)
	14 - 21	11.22 ± 0.75 **	83 (7)	13.84 ± 1.55	21 (4)	12.44 ± 1.40	79 (8)	11.52 ± 1.18	47 (6)	6.43 ± 1.14	25 (5)
	21 - 24	14.62 ± 0.55 **	83 (7)	9.41 ± 1.23 **	21 (4)	11.43 ± 0.64 **	79 (8)	10.18 ± 0.53 **	47 (6)	3.28 ± 0.89 **	25 (5)
	24 - 25	4.16 ± 0.35 **	82 (7)	2.85 ± 0.39	21 (4)	3.73 ± 0.46	78 (8)	3.41 ± 0.23	47 (6)	0.71 ± 0.40 **	25 (5)
	25 - 28	13.34 ± 0.72 **	82 (7)	12.00 ± 0.85	21 (4)	10.87 ± 0.81 *	78 (8)	11.69 ± 0.63	47 (6)	4.69 ± 1.77 **	25 (5)
	1 - 28	63.72 ± 1.49 **	83 (7)	50.28 ± 4.75 *	21 (4)	56.49 ± 2.02	79 (8)	52.87 ± 2.05 *	47 (6)	24.20 ± 6.05 **	25 (5)

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LEGEND

N = the number of pups (number of litters)

Data are displayed as the means and standard errors of the litter means.

PND - Postnatal Day, pups pre-weaning

Pup weights are adjusted for covariate litter size using total live on PND 1.

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 $P \leq 0.01$

Pup weights were excluded as outliers for one female F1 0 ppm pup on PND 25; and for one male F1 1875 ppm pup on PND 25, along with the weight gain intervals bounded by these excluded observations, for both the combined sex ("All") and separate sex analyses.

**** END OF REPORT ****