C Number:	MOG002
Study Gender:	Female
PWG Approval Date	See web page for date of PWG Approval

Study Number: MOG002
Test Type: MOG - Range Finding
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary
Test Compound: 2-Hydroxy-4-methoxybenzophenone
CAS Number: 131-57-7

Date Report Requested: 01/13/2020
Time Report Requested: 14:11:11
Lab: RTI

F1 Pups

Phase	Treatment Groups (ppm)							
	0		3000			10000		
	WT (g)	N	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N
PND1	7.11 ± 0.09 **	80 (7)	6.82 ± 0.19	95.86	74 (7)	6.39 ± 0.10 *	89.79	64 (6)
PND4	10.84 ± 0.18 **	80 (7)	10.33 ± 0.38	95.31	74 (7)	9.19 ± 0.14 **	84.84	64 (6)
PND7	15.16 ± 0.35 **	56 (5)	14.69 ± 0.84	96.92	53 (5)	13.13 ± 0.23 *	86.60	64 (6)
PND14	29.08 ± 0.90 **	55 (5)	30.11 ± 0.99	103.56	50 (5)	26.15 ± 0.27	89.93	64 (6)
PND21	44.85 ± 1.24 **	55 (5)	46.32 ± 1.42	103.27	50 (5)	39.82 ± 0.66	88.79	64 (6)
PND25	63.07 ± 1.81 **	55 (5)	62.89 ± 2.18	99.71	50 (5)	55.33 ± 0.49	87.72	64 (6)
PND28	78.55 ± 1.66 **	55 (5)	77.73 ± 2.39	98.96	50 (5)	68.27 ± 1.14	86.91	64 (6)

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F1 Pups

Phase	Treatment Groups (ppm)					
	25000			50000		
	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N
PND1	6.58 ± 0.31	92.48	59 (5)	6.31 ± 0.14 **	88.67	106 (9)
PND4	8.41 ± 0.69 **	77.60	53 (5)	8.43 ± 0.23 **	77.78	97 (9)
PND7	11.48 ± 0.92 **	75.73	48 (5)	11.37 ± 0.29 **	75.00	58 (6)
PND14	24.98 ± 1.94	85.90	41 (4)	22.09 ± 1.26 **	75.97	57 (6)
PND21	36.67 ± 2.57 *	81.75	41 (4)	28.03 ± 2.76 **	62.50	57 (6)
PND25	48.14 ± 4.02 **	76.33	41 (4)	32.37 ± 3.48 **	51.32	55 (6)
PND28	60.37 ± 5.39 **	76.86	41 (4)	38.80 ± 4.43 **	49.39	55 (6)

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F1 Males

Phase	Treatment Groups (ppm)							
	0		3000			10000		
	WT (g)	N	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N
PND1	7.32 ± 0.11 **	42 (7)	7.02 ± 0.21	95.98	36 (7)	6.55 ± 0.13 *	89.56	26 (6)
PND4	11.19 ± 0.22 **	42 (7)	10.67 ± 0.42	95.39	36 (7)	9.40 ± 0.21 **	84.05	26 (6)
PND7	15.60 ± 0.38 **	29 (5)	14.87 ± 0.99	95.30	25 (5)	13.49 ± 0.37	86.50	26 (6)
PND14	30.11 ± 1.01 **	28 (5)	30.79 ± 1.19	102.24	25 (5)	26.41 ± 0.61	87.69	26 (6)
PND21	46.44 ± 1.26 **	28 (5)	47.97 ± 1.47	103.29	25 (5)	40.77 ± 1.24	87.78	26 (6)
PND25	65.42 ± 1.84 **	28 (5)	66.82 ± 2.83	102.15	25 (5)	56.92 ± 1.23	87.02	26 (6)
PND28	81.97 ± 1.60 **	28 (5)	82.02 ± 3.18	100.05	25 (5)	70.77 ± 1.73	86.33	26 (6)

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F1 Males

Phase	Treatment Groups (ppm)					
	25000			50000		
	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N
PND1	6.70 ± 0.30	91.54	28 (5)	6.43 ± 0.17 **	87.93	57 (9)
PND4	8.39 ± 0.60 **	74.97	24 (5)	8.52 ± 0.27 **	76.20	52 (9)
PND7	11.50 ± 0.90 **	73.72	22 (5)	11.46 ± 0.30 **	73.48	29 (6)
PND14	25.51 ± 1.78 *	84.70	17 (4)	21.76 ± 1.09 **	72.27	29 (6)
PND21	36.77 ± 2.24 **	79.17	17 (4)	27.90 ± 2.52 **	60.07	29 (6)
PND25	49.79 ± 3.72 **	76.12	17 (4)	32.96 ± 3.14 **	50.39	29 (6)
PND28	63.24 ± 4.94 **	77.15	17 (4)	40.22 ± 4.02 **	49.06	29 (6)

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F1 Females

Phase	Treatment Groups (ppm)							
	0		3000			10000		
	WT (g)	N	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N
PND1	6.83 ± 0.03 **	38 (7)	6.67 ± 0.18	97.54	38 (7)	6.30 ± 0.09	92.23	38 (6)
PND4	10.40 ± 0.15 **	38 (7)	10.02 ± 0.39	96.31	38 (7)	9.11 ± 0.12 *	87.56	38 (6)
PND7	14.66 ± 0.33 **	27 (5)	14.73 ± 0.74	100.52	28 (5)	13.00 ± 0.21	88.69	38 (6)
PND14	27.07 ± 1.22 **	27 (5)	29.49 ± 0.91	108.93	25 (5)	26.16 ± 0.23	96.64	38 (6)
PND21	42.83 ± 1.07 **	27 (5)	44.69 ± 1.99	104.35	25 (5)	39.35 ± 0.38	91.87	38 (6)
PND25	60.01 ± 1.33 **	27 (5)	59.36 ± 2.59	98.92	25 (5)	54.47 ± 0.35	90.78	38 (6)
PND28	74.01 ± 1.15 **	27 (5)	74.13 ± 2.42	100.16	25 (5)	66.77 ± 1.00	90.22	38 (6)

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F1 Females

Phase	Treatment Groups (ppm)					
	25000			50000		
	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N
PND1	6.44 ± 0.35	94.31	31 (5)	6.10 ± 0.11 **	89.28	49 (9)
PND4	8.38 ± 0.78 **	80.53	29 (5)	8.25 ± 0.24 **	79.29	45 (9)
PND7	12.02 ± 0.99 *	82.01	26 (4)	11.27 ± 0.29 **	76.87	29 (6)
PND14	24.64 ± 2.14	91.03	24 (4)	22.41 ± 1.54 *	82.76	28 (6)
PND21	36.71 ± 2.71	85.72	24 (4)	28.02 ± 3.07 **	65.42	28 (6)
PND25	46.95 ± 4.25 *	78.23	24 (4)	31.66 ± 3.87 **	52.75	26 (6)
PND28	58.12 ± 5.84 *	78.54	24 (4)	37.12 ± 4.90 **	50.15	26 (6)

LEGEND

N = the number of pups (number of litters)

PND4 weights are precull if litters are culled on postnatal day 4.

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

PND - Postnatal Day, pups pre-weaning

Statistical analysis was performed using mixed models with dam ID as a random effect for both trend and pairwise tests, using Dunnett-Hsu adjustment for multiple comparisons.

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 <= 0.05

** Statistically significant at P <= 0.01

** END OF REPORT **