C Number:	MOG003
Study Gender:	Female
PWG Approval Date	See web page for date of PWG Approval

Study Number: MOG003
Test Type: MOG - Range Finding
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary
Test Compound: 2-Ethylhexyl p-Methoxycinnamate
CAS Number: 5466-77-3

Date Report Requested: 01/14/2020
Time Report Requested: 07:41:29
Lab: RTI

F1 Males

Phase	Treatment Groups (ppm)							
	0		2250			5000		
	WT (g)	N	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N
PND1	7.00 ± 0.11 **	58 (8)	6.83 ± 0.18	97.51	50 (9)	7.35 ± 0.28	105.04	37 (6)
PND4	10.41 ± 0.14 **	58 (8)	10.08 ± 0.29	96.77	50 (9)	10.59 ± 0.27	101.74	37 (6)
PND7	15.16 ± 0.37 **	36 (5)	14.79 ± 0.54	97.57	28 (6)	14.58 ± 0.30	96.17	37 (6)
PND14	29.79 ± 0.97 **	36 (5)	27.87 ± 0.29	93.53	27 (6)	26.08 ± 0.67	87.55	37 (6)
PND21	44.34 ± 1.53 **	36 (5)	42.16 ± 1.33	95.07	27 (6)	37.84 ± 1.07	85.33	37 (6)
PND25	61.17 ± 1.68 **	36 (5)	59.11 ± 1.22	96.64	27 (6)	53.18 ± 1.78	86.94	37 (6)
PND28	76.84 ± 2.50 **	36 (5)	73.13 ± 2.00	95.18	27 (6)	67.00 ± 2.26	87.20	37 (6)

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F1 Males

Phase	Treatment Groups (ppm)					
	10000			20000		
	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N
PND1	6.79 ± 0.16	97.00	55 (8)	4.42 ± 0.35 **	63.17	18 (5)
PND4	9.48 ± 0.28	91.09	54 (8)	4.97 ± 0.71 **	47.70	14 (4)
PND7	12.77 ± 0.64 **	84.23	34 (6)	6.60 ± 0.46 **	43.55	5 (2)
PND14	20.03 ± 1.60 **	67.24	32 (6)	7.04 ± 1.06 **	23.62	5 (2)
PND21	24.01 ± 2.81 **	54.13	32 (6)	NR		
PND25	30.10 ± 3.62 **	49.21	32 (6)	NR		
PND28	36.83 ± 4.40 **	47.94	32 (6)	NR		

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F1 Females

Phase	Treatment Groups (ppm)							
	0		2250			5000		
	WT (g)	N	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N
PND1	6.67 ± 0.12 **	36 (8)	6.71 ± 0.17	100.65	54 (9)	6.77 ± 0.24	101.49	33 (6)
PND4	10.01 ± 0.10 **	36 (8)	9.96 ± 0.30	99.54	54 (9)	9.78 ± 0.29	97.70	33 (6)
PND7	14.96 ± 0.30 **	19 (5)	14.88 ± 0.87	99.49	39 (6)	13.31 ± 0.46	88.98	33 (6)
PND14	29.22 ± 0.94 **	19 (5)	27.75 ± 1.35	94.97	39 (6)	24.46 ± 0.76 *	83.71	33 (6)
PND21	41.04 ± 2.01 **	19 (5)	42.17 ± 2.92	102.76	39 (6)	35.47 ± 1.32	86.43	33 (6)
PND25	58.40 ± 1.59 **	18 (5)	56.92 ± 2.91	97.47	39 (6)	49.42 ± 2.06	84.62	33 (6)
PND28	72.90 ± 1.92 **	18 (5)	69.33 ± 4.07	95.11	39 (6)	60.85 ± 2.50 *	83.47	33 (6)

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F1 Females

Phase	Treatment Groups (ppm)					
	10000			20000		
	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N
PND1	6.37 ± 0.17	95.53	53 (8)	4.29 ± 0.39 **	64.29	29 (6)
PND4	8.93 ± 0.28 *	89.23	53 (8)	5.06 ± 0.69 **	50.54	22 (4)
PND7	11.73 ± 0.57 **	78.38	43 (6)	7.59 ± 0.52 **	50.74	10 (2)
PND14	18.46 ± 1.26 **	63.18	40 (6)	7.68 ± 0.76 **	26.29	10 (2)
PND21	21.89 ± 2.09 **	53.35	40 (6)	NR		
PND25	27.40 ± 2.99 **	46.92	40 (6)	NR		
PND28	33.93 ± 3.29 **	46.55	40 (6)	NR		

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F1 Pups

Phase	Treatment Groups (ppm)							
	0		2250			5000		
	WT (g)	N	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N
PND1	6.90 ± 0.11 **	94 (8)	6.78 ± 0.16	98.22	104 (9)	7.10 ± 0.25	102.92	70 (6)
PND4	10.23 ± 0.11 **	94 (8)	9.99 ± 0.28	97.65	104 (9)	10.22 ± 0.28	99.82	70 (6)
PND7	15.00 ± 0.33 **	55 (5)	14.70 ± 0.60	98.02	67 (6)	14.00 ± 0.37	93.32	70 (6)
PND14	29.41 ± 0.91 **	55 (5)	27.48 ± 0.72	93.42	66 (6)	25.33 ± 0.71 *	86.13	70 (6)
PND21	42.64 ± 1.57 **	55 (5)	41.81 ± 1.90	98.05	66 (6)	36.69 ± 1.18	86.04	70 (6)
PND25	60.13 ± 1.68 **	54 (5)	57.24 ± 1.91	95.20	66 (6)	51.33 ± 1.87 *	85.37	70 (6)
PND28	75.36 ± 2.33 **	54 (5)	70.38 ± 2.93	93.40	66 (6)	64.05 ± 2.30 *	85.00	70 (6)

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F1 Pups

Phase	Treatment Groups (ppm)					
	10000			20000		
	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N
PND1	6.62 ± 0.15	95.91	108 (8)	4.19 ± 0.41 **	60.67	47 (6)
PND4	9.21 ± 0.27 *	89.95	107 (8)	5.01 ± 0.69 **	48.96	36 (4)
PND7	12.25 ± 0.56 **	81.65	77 (6)	7.06 ± 0.42 **	47.10	15 (2)
PND14	19.32 ± 1.40 **	65.69	72 (6)	7.20 ± 0.76 **	24.47	15 (2)
PND21	23.02 ± 2.48 **	53.98	72 (6)	NR		
PND25	28.81 ± 3.32 **	47.92	72 (6)	NR		
PND28	35.70 ± 3.93 **	47.37	72 (6)	NR		

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 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

Decrease in number of pups for PND 25 and 28 in the 0 ppm group is due to the pup body weight for one pup being an outlier and was excluded.

The 20000 ppm exposure group was removed on postnatal day 14.

NR not recorded

** END OF REPORT **