

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

I04G: Mean Body Weight Gain
Test Compound: 2-Ethylhexyl p-Methoxycinnamate
CAS Number: 5466-77-3

Date Report Requested: 01/14/2020
Time Report Requested: 07:20:41
Lab: RTI

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

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F0 Females

Treatment Groups (ppm)

Phase	Days	0		2250		5000		10000		20000	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
Gestation	3 - 6	14.4 ± 1.4	12	12.4 ± 0.9	12	11.3 ± 1.4	6	12.0 ± 1.2	8	12.6 ± 0.7	13
	6 - 9	12.4 ± 1.3 **	12	13.8 ± 1.3	12	15.2 ± 1.7	6	8.2 ± 1.2 *	8	-3.4 ± 1.3 **	13
	9 - 12	14.8 ± 0.8 **	12	15.4 ± 0.7	12	14.6 ± 1.4	6	13.8 ± 1.5	8	1.5 ± 1.3 **	13
	12 - 15	18.3 ± 0.9 **	12	19.0 ± 1.0	12	18.1 ± 1.7	6	20.8 ± 1.9	8	8.4 ± 1.5 **	13
	15 - 18	33.5 ± 2.8 **	12	35.0 ± 2.4	12	31.7 ± 1.5	6	36.9 ± 2.2	8	14.0 ± 1.7 **	13
	18 - 21	32.8 ± 3.2 *	9	34.7 ± 3.2	9	38.0 ± 1.8	6	36.1 ± 2.4	7	17.7 ± 4.7 *	10
	6 - 21	110.1 ± 8.1 **	9	114.0 ± 5.5	9	117.6 ± 3.7	6	113.4 ± 6.5	7	35.1 ± 8.0 **	10
Lactation	1 - 4	16.5 ± 3.0 **	8	17.1 ± 3.1	9	15.5 ± 1.9	6	5.6 ± 3.0 *	8	1.1 ± 3.6 **	8
	4 - 7	8.0 ± 2.2	5	4.3 ± 7.7	6	5.6 ± 6.0	6	5.1 ± 2.9	6	-6.4 ± 1.9	2
	7 - 14	3.8 ± 7.9 *	5	17.6 ± 5.9	6	12.7 ± 6.8	6	-13.2 ± 7.9	6	-17.5 ± 5.0	2
	14 - 21	-6.8 ± 11.6	5	-9.6 ± 2.5	6	-4.1 ± 7.9	6	-14.0 ± 9.5	6	NR	
	1 - 21	17.0 ± 8.8	5	26.5 ± 5.6	6	29.6 ± 4.9	6	-13.4 ± 11.8	6	NR	
	21 - 25	-9.5 ± 9.3 *	5	-12.0 ± 2.6	6	-2.9 ± 3.8	6	11.5 ± 12.6	6	NR	
	25 - 28	-7.3 ± 2.3	5	-5.6 ± 5.4	6	-9.6 ± 4.1	6	7.1 ± 6.5	6	NR	
	1 - 28	0.1 ± 1.4 *	5	9.0 ± 3.5	6	17.2 ± 2.6	6	5.2 ± 10.6	6	NR	

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LEGEND

Data are displayed as mean \pm SEM

GD - Gestation Day; LD - Lactation Day

In multigenerational studies, body weights reported for all animals until mating; pregnant animals only during gestation and lactation; all animals post-weaning.

Statistical analysis of weight data 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 $P \leq 0.01$

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

NR not recorded

**** END OF REPORT ****