

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

I04G: Mean Body Weight Gain
Test Compound: 2-Hydroxy-4-methoxybenzophenone
CAS Number: 131-57-7

Date Report Requested: 01/13/2020
Time Report Requested: 13:04:49
Lab: RTI

C Number: MOG002
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		3000		10000		25000		50000	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
Gestation	3 - 6	12.7 ± 2.3	10	11.5 ± 0.9	11	10.7 ± 0.9	6	13.3 ± 1.9	5	13.8 ± 1.4	12
	6 - 9	12.7 ± 1.2 **	10	14.8 ± 0.7	11	8.5 ± 1.7 *	6	6.9 ± 1.4 **	5	-0.8 ± 1.3 **	12
	9 - 12	11.9 ± 1.5 **	10	7.9 ± 1.4	11	9.9 ± 2.8	6	7.9 ± 1.4	5	2.9 ± 2.3 **	12
	12 - 15	16.3 ± 1.3 *	10	15.9 ± 1.4	11	14.5 ± 2.0	6	17.0 ± 1.9	5	21.1 ± 1.6	12
	15 - 18	33.9 ± 2.9 **	10	33.3 ± 2.8	11	32.1 ± 3.8	6	30.0 ± 2.7	5	20.7 ± 1.3 **	12
	18 - 21	40.6 ± 2.5 *	7	35.1 ± 2.9	8	31.6 ± 2.1 *	6	35.1 ± 2.2	5	33.4 ± 1.2	9
	6 - 21	120.7 ± 6.1 **	7	106.1 ± 7.4	8	96.5 ± 5.9 **	6	96.9 ± 4.5 **	5	78.0 ± 2.5 **	9
Lactation	1 - 4	14.3 ± 3.1 *	7	14.2 ± 4.8	7	12.3 ± 2.3	6	13.3 ± 3.3	5	3.3 ± 2.7	9
	4 - 7	5.1 ± 2.0	5	6.2 ± 4.3	5	12.0 ± 0.7	6	0.7 ± 6.1	5	13.7 ± 2.3	6
	7 - 14	11.1 ± 3.5	5	6.2 ± 8.5	5	16.9 ± 2.3	6	6.5 ± 6.9	5	-11.8 ± 8.5	6
	14 - 21	-12.1 ± 4.3	5	0.4 ± 8.0	5	-12.8 ± 3.3	6	-0.4 ± 2.9	5	-0.3 ± 9.5	6
	1 - 21	18.7 ± 3.4	5	32.1 ± 9.4	5	28.5 ± 3.6	6	20.2 ± 3.6	5	3.8 ± 11.6	6
	21 - 25	-3.1 ± 5.0	5	-7.2 ± 6.9	5	-3.7 ± 4.2	6	-4.1 ± 1.7	5	-9.5 ± 8.6	6
	25 - 28	-2.9 ± 6.0	5	-4.3 ± 2.9	5	-10.1 ± 6.5	6	-0.4 ± 1.8	5	0.3 ± 3.4	6
	14 - 28	-18.0 ± 4.9	5	-11.1 ± 3.4	5	-26.5 ± 3.5	6	-4.9 ± 5.8	5	-9.5 ± 5.4	6
1 - 28	12.7 ± 7.1	5	20.5 ± 9.1	5	14.7 ± 5.7	6	15.6 ± 4.3	5	-5.4 ± 6.7	6	

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LEGEND

Data are displayed as mean \pm SEM

GD - Gestation Day; LD - Lactation Day

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 $P \leq 0.01$

**** END OF REPORT ****