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

R03: Summary of Litter Data
Test Compound: 2-Ethylhexyl p-Methoxycinnamate
CAS Number: 5466-77-3

Date Report Requested: 03/05/2020
Time Report Requested: 10:26:37
Lab: RTI

F1 Pups from F0 Females

	Treatment Groups (ppm)				
	0	**2250**	**5000**	**10000**	**20000**
No. F0 Dams					
PND 0	8	9	6	8	8
Total No. Pups					
PND 0	98	113	71	110	99
Total Pups per Litter					
PND 0	12.3 ± 1.0 (8)	12.6 ± 1.4 (9)	11.8 ± 0.5 (6)	13.8 ± 0.9 (8)	12.4 ± 0.8 (8)
Total No. Live					
PND 0	95	105	71	109	89
Live per Litter					
PND 0	11.9 ± 1.0 (8)	11.7 ± 1.0 (9)	11.8 ± 0.5 (6)	13.6 ± 0.8 (8)	11.1 ± 0.9 (8)
PND 1	11.8 ± 0.9 (8)	11.6 ± 1.1 (9)	11.7 ± 0.6 (6)	13.5 ± 0.8 (8)	7.8 ± 1.2 (6)
PND 4	11.8 ± 0.9 (8)	11.6 ± 1.1 (9)	11.7 ± 0.6 (6)	13.4 ± 0.8 (8)	7.5 ± 1.5 (2)
PND 7	11.0 ± 0.7 (5)	11.2 ± 1.6 (6)	11.7 ± 0.6 (6)	13.0 ± 0.7 (6)	7.5 ± 1.5 (2)
PND 14	11.0 ± 0.7 (5)	11.0 ± 1.5 (6)	11.7 ± 0.6 (6)	12.0 ± 0.7 (6)	6.0 (1)
PND 21	11.0 ± 0.7 (5)	11.0 ± 1.5 (6)	11.7 ± 0.6 (6)	12.0 ± 0.7 (6)	0
PND 25	11.0 ± 0.7 (5)	11.0 ± 1.5 (6)	11.7 ± 0.6 (6)	12.0 ± 0.7 (6)	0
PND 28	11.0 ± 0.7 (5)	11.0 ± 1.5 (6)	11.7 ± 0.6 (6)	12.0 ± 0.7 (6)	0
Dead per Litter					
PND 0	0.38 ± 0.26 (8)	0.89 ± 0.65 (9)	0.00 ± 0.00 (6)	0.13 ± 0.13 (8)	1.25 ± 0.45 (8)
PND 1 - 4	0.13 ± 0.13 (8) **	0.11 ± 0.11 (9)	0.17 ± 0.17 (6)	0.25 ± 0.16 (8)	9.25 ± 1.96 (8) **
PND 5 - 28	0.00 ± 0.00 (5) **	0.17 ± 0.17 (6)	0.00 ± 0.00 (6)	1.33 ± 0.88 (6)	7.50 ± 1.50 (2) **
PND 1 - 28	0.00 ± 0.00 (5) **	0.33 ± 0.21 (6)	0.17 ± 0.17 (6)	1.50 ± 0.85 (6)	11.13 ± 0.90 (8) **
Number of Dead					
PND 0	3 (2)	8 (3)	0 (0)	1 (1)	10 (5)
PND 1 - 4	1 (1)	1 (1)	1 (1)	2 (2)	74 (7)
PND 5 - 28	0 (0)	1 (1)	0 (0)	8 (2)	15 (2)
PND 1 - 28	0 (0)	2 (2)	1 (1)	9 (3)	89 (8)

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F1 Pups from F0 Females

	Treatment Groups (ppm)				
	0	**2250**	**5000**	**10000**	**20000**
% Live Male Pups per Litter					
PND 0	63.07 ± 4.75 (8) *	50.25 ± 5.68 (9)	53.14 ± 4.23 (6)	51.09 ± 6.86 (8)	44.22 ± 5.53 (8) *
Survival Ratio					
PND 0	0.97 ± 0.02 (8)	0.95 ± 0.03 (9)	1.00 ± 0.00 (6)	0.99 ± 0.01 (8)	0.89 ± 0.04 (8)
PND 1 - 4	0.99 ± 0.01 (8) **	0.99 ± 0.01 (9)	0.98 ± 0.02 (6)	0.98 ± 0.01 (8)	0.24 ± 0.16 (8) **
PND 5 - 28	1.00 ± 0.00 (5) **	0.99 ± 0.01 (6)	1.00 ± 0.00 (6)	0.91 ± 0.06 (6)	0.00 ± 0.00 (2) **
PND 1 - 28	1.00 ± 0.00 (5) **	0.97 ± 0.02 (6)	0.98 ± 0.02 (6)	0.90 ± 0.06 (6)	0.00 ± 0.00 (8) **

LEGEND

Total No. of Pups and Total Pups per Litter is inclusive of nonviable pups.

Data are displayed as the means and standard errors of the litter means, N is number of litters

F1 Total Pups per Litter, Live per Litter, Dead per Litter, % Live Male Pups per Litter, and Survival Ratio endpoints were analyzed using Jonckheere's test for trend and Shirley's or Dunn's methods for pairwise comparison of controls to dose groups.

For Number of Dead, N is displayed as the number of pups (number of litters contributing dead pups).

All calculations are based on the last litter observation of the day

Survival ratio on PND 0 is live pup count at the last PND 0 litter observation relative to the total number of pups upon completion of parturition.

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 **