

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: 03/13/2019
Time Report Requested: 12:58:42
Lab: RTI

C Number:

MOG003

Study Gender:

Female

PWG Approval Date

See web page for date of PWG Approval

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F1 Pups

Treatment Groups (ppm)

Litter ID	0	2250	5000	10000	20000
A					
Total Litter Size ^a					
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)
Live Litter Size ^a					
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)	5.9 ± 1.6 (8)
PND 4	11.8 ± 0.9 (8) *	11.6 ± 1.1 (9)	11.7 ± 0.6 (6)	13.4 ± 0.8 (8)	1.9 ± 1.3 (8) *
PND 7	11.0 ± 0.7 (5) *	11.2 ± 1.6 (6)	11.7 ± 0.6 (6)	13.0 ± 0.7 (6)	1.9 ± 1.3 (8)
PND 14	11.0 ± 0.7 (5) **	11.0 ± 1.5 (6)	11.7 ± 0.6 (6)	12.0 ± 0.7 (6)	0.8 ± 0.8 (8) *
PND 21	11.0 ± 0.7 (5) **	11.0 ± 1.5 (6)	11.7 ± 0.6 (6)	12.0 ± 0.7 (6)	0.0 ± 0.0 (8) *
PND 25	11.0 ± 0.7 (5) **	11.0 ± 1.5 (6)	11.7 ± 0.6 (6)	12.0 ± 0.7 (6)	0.0 ± 0.0 (8) *
PND 28	11.0 ± 0.7 (5) **	11.0 ± 1.5 (6)	11.7 ± 0.6 (6)	12.0 ± 0.7 (6)	0.0 ± 0.0 (8) *
Total Dead ^a					
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) **
Survival Ratio ^a					
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) **

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LEGEND

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

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

PND 0 total litter size is inclusive of nonviable pups.

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.

^aF1 litter size and survival endpoints were analyzed using Jonckheere's test for trend and Shirley's or Dunn's methods for pairwise comparison of controls to dose groups. F2 litters from the F1 Fertility females were analyzed using the bootstrapped Jonckheere for trend; pairwise comparisons were done using the Datta-Satten modified Wilcoxon test with the Hommel 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 $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

**** END OF REPORT ****