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

R02: Reproductive Performance Summary
Test Compound: 2-Ethylhexyl p-Methoxycinnamate
CAS Number: 5466-77-3

Date Report Requested: 01/14/2020
Time Report Requested: 07:40:47
Lab: RTI

F0 Female

	Treatment Groups (ppm)				
	0	**2250**	**5000**	**10000**	**20000**
No. Females Mated	14	14	8	8	14
No. Females Pregnant	12	12	6	8	13
No. Females Littering	8	9	6	8	8
Percent of Pregnant Females/Mated	85.7	85.7	75.0	100.0	92.9
Percent of Littered Females/Mated	72.7	81.8	75.0	100.0	72.7
Percent of Littered Females/Pregnant	88.9	100.0	100.0	100.0	80.0
Gestational Length	22.0 ± 0.0 (8)	22.3 ± 0.2 (9)	22.2 ± 0.2 (6)	21.9 ± 0.1 (8)	22.3 ± 0.2 (8)

LEGEND

F0 time mated females were vendor provided so endpoints involving number of females paired, and pre-coital interval were not calculated. Pregnancy was defined as evidence of implantation or littering. Vendor's time of confirmation of mating was utilized for calculation of F0 gestational length.

Gestation length in days calculated for sperm positive females that delivered a litter.

Animals that died or were removed from study between mating and littering were excluded from the littered/paired, littered/mated, and littered/pregnant endpoints.

Statistical analysis performed by Cochran-Armitage (trend) and Fisher Exact (pairwise) 2-sided tests for the Percent of Pregnant Females/Mated; Percent of Littered Females/Mated; Percent of Littered Females/Pregnant endpoints.

Statistical analysis performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests for the Gestational Length endpoint.

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 **