

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

R02: Reproductive Performance Summary
Test Compound: 2-Hydroxy-4-methoxybenzophenone
CAS Number: 131-57-7

Date Report Requested: 03/30/2020
Time Report Requested: 12:14:41
Lab: RTI

C Number:

MOG002

Study Gender:

Female

PWG Approval Date

See web page for date of PWG Approval

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F0 Female

Treatment Groups (ppm)

	0	3000	10000	25000	50000
No. Females Mated	14	14	8	8	14
No. Females Pregnant	10	11	6	5	12
No. Females Littering	7	7	6	5	9
Percent of Pregnant Females/Mated	71.4	78.6	75.0	62.5	85.7
Percent of Littered Females/Mated	63.6	70.0	75.0	62.5	81.8
Percent of Littered Females/Pregnant	100.0	87.5	100.0	100.0	100.0
Gestational Length	22.1 ± 0.1 (7)	22.3 ± 0.2 (7)	22.0 ± 0.0 (6)	22.2 ± 0.2 (5)	22.1 ± 0.1 (9)

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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 $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

**** END OF REPORT ****