

**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:** 01/13/2020  
**Time Report Requested:** 13:46:01  
**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**

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**Treatment Groups (ppm)**

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	<b>0</b>	<b>3000</b>	<b>10000</b>	<b>25000</b>	<b>50000</b>
No. Females Paired	14	14	8	8	14
No. Females Mated	14	14	8	8	14
No. Females Littering	7	7	6	5	9
Percent of Mated Females/Paired	100.0	100.0	100.0	100.0	100.0
Percent of Littered Females/Paired	63.6	70.0	75.0	62.5	81.8
Percent of Littered Females/Mated	63.6	70.0	75.0	62.5	81.8
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

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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 \*\***