C Number:	MOG002
Study Gender:	Female
PWG Approval Date	See web page for date of PWG Approval

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

R03: Summary of Litter Data
Test Compound: 2-Hydroxy-4-methoxybenzophenone
CAS Number: 131-57-7

Date Report Requested: 01/30/2020
Time Report Requested: 13:46:28
Lab: RTI

F1 Pups from F0 Females

	Treatment Groups (ppm)				
	0	**3000**	**10000**	**25000**	**50000**
No. F0 Dams					
PND 0	7	7	6	5	9
Total No. Pups					
PND 0	82	82	66	61	108
Total Pups per Litter					
PND 0	11.7 ± 0.6 (7)	11.7 ± 1.1 (7)	11.0 ± 1.5 (6)	12.2 ± 0.5 (5)	12.0 ± 0.6 (9)
Total No. Live					
PND 0	80	76	64	59	106
Live per Litter					
PND 0	11.4 ± 0.7 (7)	10.9 ± 0.9 (7)	10.7 ± 1.4 (6)	11.8 ± 0.7 (5)	11.8 ± 0.7 (9)
PND 1	11.4 ± 0.7 (7)	10.6 ± 0.9 (7)	10.7 ± 1.4 (6)	11.8 ± 0.7 (5)	11.8 ± 0.7 (9)
PND 4	11.4 ± 0.7 (7)	10.6 ± 0.9 (7)	10.7 ± 1.4 (6)	10.6 ± 1.3 (5)	10.8 ± 0.7 (9)
PND 7	11.2 ± 0.8 (5)	10.6 ± 1.2 (5)	10.7 ± 1.4 (6)	9.6 ± 2.0 (5)	9.7 ± 1.1 (6)
PND 14	11.0 ± 0.8 (5)	10.0 ± 1.0 (5)	10.7 ± 1.4 (6)	10.3 ± 0.6 (4)	9.5 ± 1.1 (6)
PND 21	11.0 ± 0.8 (5)	10.0 ± 1.0 (5)	10.7 ± 1.4 (6)	10.3 ± 0.6 (4)	9.5 ± 1.1 (6)
PND 25	11.0 ± 0.8 (5)	10.0 ± 1.0 (5)	10.7 ± 1.4 (6)	10.3 ± 0.6 (4)	9.2 ± 1.0 (6)
PND 28	11.0 ± 0.8 (5)	10.0 ± 1.0 (5)	10.7 ± 1.4 (6)	10.3 ± 0.6 (4)	9.2 ± 1.0 (6)
Dead per Litter					
PND 0	0.29 ± 0.29 (7)	0.86 ± 0.46 (7)	0.33 ± 0.21 (6)	0.40 ± 0.40 (5)	0.22 ± 0.15 (9)
PND 1 - 4	0.00 ± 0.00 (7)	0.29 ± 0.18 (7)	0.00 ± 0.00 (6)	1.20 ± 1.20 (5)	1.00 ± 0.88 (9)
PND 5 - 28	0.20 ± 0.20 (5)	0.80 ± 0.37 (5)	0.00 ± 0.00 (6)	2.40 ± 0.98 (5)	0.83 ± 0.31 (6)
PND 1 - 28	0.20 ± 0.20 (5)	1.20 ± 0.49 (5)	0.00 ± 0.00 (6)	3.60 ± 2.14 (5)	2.33 ± 1.56 (6)
Number of Dead					
PND 0	2 (1)	6 (3)	2 (2)	2 (1)	2 (2)
PND 1 - 4	0 (0)	2 (2)	0 (0)	6 (1)	9 (2)
PND 5 - 28	1 (1)	4 (3)	0 (0)	12 (4)	5 (4)
PND 1 - 28	1 (1)	6 (4)	0 (0)	18 (4)	14 (4)

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F1 Pups from F0 Females

	Treatment Groups (ppm)				
	0	**3000**	**10000**	**25000**	**50000**
% Live Male Pups per Litter					
PND 0	53.02 ± 5.86 (7)	47.64 ± 4.93 (7)	41.05 ± 4.66 (6)	47.84 ± 4.76 (5)	53.46 ± 3.80 (9)
Survival Ratio					
PND 0	0.97 ± 0.03 (7)	0.94 ± 0.03 (7)	0.97 ± 0.02 (6)	0.97 ± 0.03 (5)	0.98 ± 0.01 (9)
PND 1 - 4	1.00 ± 0.00 (7)	0.97 ± 0.02 (7)	1.00 ± 0.00 (6)	0.90 ± 0.10 (5)	0.93 ± 0.06 (9)
PND 5 - 28	0.98 ± 0.02 (5)	0.94 ± 0.03 (5)	1.00 ± 0.00 (6)	0.70 ± 0.18 (5)	0.90 ± 0.04 (6)
PND 1 - 28	0.98 ± 0.02 (5)	0.90 ± 0.04 (5)	1.00 ± 0.00 (6)	0.70 ± 0.18 (5)	0.83 ± 0.10 (6)

LEGEND

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

For the endpoints of Total Pups per Litter, Live per Litter, Dead per Litter, % Live Male Pups per Litter, and Survival Ratio for the F1 pups, data are displayed as the mean of litter values ± SEM of litter values (number of litters produced by F0 dams).

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 **