

**Study Number:** MOG002B

**Test Type:** MOG

**Route:** Dosing in Feed

**Species/Strain:** Rat/Sprague-Dawley

**C Number:**

**Study Gender:**

**PWG Approval Date**

**R04: Anogenital Distance Summary**

**Test Compound:** 2-Hydroxy-4-methoxybenzophenone

**CAS Number:** 131-57-7

MOG002B

Both

See web page for date of PWG Approval

**Date Report Requested:** 12/13/2019

**Time Report Requested:** 13:53:12

**Lab:** RTI

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**Male Pups**

Generation	Cohort	PND1	Treatment Groups (ppm)				
			0	3000	10000	30000	0.05 ppm EE
F1		No. Examined (litters)	128 (22)	142 (20)	136 (21)	122 (20)	101 (18)
		Anogenital Distance (mm)	2.77 ± 0.04	2.85 ± 0.06	2.74 ± 0.06	2.80 ± 0.04	2.73 ± 0.06
		Bodyweight (g)	7.29 ± 0.13	7.09 ± 0.09	6.82 ± 0.13 *	7.00 ± 0.13	6.39 ± 0.17 **
		Adjusted AGD (mm)	2.77 ± 0.04	2.85 ± 0.06	2.74 ± 0.06	2.80 ± 0.04	2.75 ± 0.06
F2		No. Examined (litters)	213 (33)	226 (36)	192 (32)	185 (32)	144 (28)
		Anogenital Distance (mm)	2.36 ± 0.11	2.18 ± 0.06	2.19 ± 0.10	2.22 ± 0.11	2.29 ± 0.12
		Bodyweight (g)	6.82 ± 0.14	7.18 ± 0.14	7.09 ± 0.15	6.83 ± 0.12	6.73 ± 0.11
		Adjusted AGD (mm)	2.37 ± 0.10	2.16 ± 0.06	2.18 ± 0.10	2.22 ± 0.11	2.28 ± 0.12

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**Female Pups**

Generation	Cohort	PND1	Treatment Groups (ppm)				
			0	3000	10000	30000	0.05 ppm EE
F1		No. Examined (litters)	143 (22)	118 (20)	140 (22)	112 (20)	107 (17)
		Anogenital Distance (mm)	1.45 ± 0.02	1.38 ± 0.04	1.34 ± 0.03 *	1.38 ± 0.04	1.38 ± 0.04
		Bodyweight (g)	6.89 ± 0.12	6.78 ± 0.10	6.59 ± 0.14	6.73 ± 0.12	6.25 ± 0.13 **
		Adjusted AGD (mm)	1.45 ± 0.02	1.38 ± 0.04	1.35 ± 0.03	1.38 ± 0.04	1.40 ± 0.04
F2		No. Examined (litters)	255 (35)	230 (35)	207 (32)	199 (32)	160 (27)
		Anogenital Distance (mm)	1.19 ± 0.06	1.09 ± 0.04	1.09 ± 0.06	1.08 ± 0.05	1.14 ± 0.06
		Bodyweight (g)	6.58 ± 0.12	6.87 ± 0.14	6.56 ± 0.13	6.46 ± 0.12	6.39 ± 0.10
		Adjusted AGD (mm)	1.19 ± 0.05	1.07 ± 0.03	1.09 ± 0.05	1.09 ± 0.05	1.15 ± 0.06

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## LEGEND

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Data are displayed as mean of litter means  $\pm$  SEM of litter means.

Adjusted AGD is anogenital distance adjusted for body weight on PND 1.

Statistical analysis was performed using mixed models, with dam ID as random effect for trend and pairwise tests, with the Dunnett-Hsu adjustment for multiple comparisons.

Animals dead, cannibalized or missing presumed dead were excluded from analysis.

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  $P \leq 0.01$

The EE group was not included in any trend analysis, it was included in the pairwise analysis to the control group.

EE = Ethinyl estradiol

**\*\* END OF REPORT \*\***