

Study Number: MOG08002B
Test Type: MOG
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R04: Anogenital Distance Summary

Test Compound: Bisphenol AF
CAS Number: 1478-61-1

Date Report Requested: 07/17/2020
Time Report Requested: 10:59:57
Lab: RTI

Study Number:

MOG08002B

Study Gender:

Both

PWG Approval Date

See web page for date of PWG Approval

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Male Pups

| Generation | Cohort | PND1 | Treatment Groups (ppm) | | | |
|------------|--------|--------------------------|------------------------|-------------|----------------|----------------|
| | | | 0 | 338 | 1125 | 3750 |
| F1 | | No. Examined (litters) | 135 (24) | 168 (28) | 178 (28) | 136 (23) |
| | | Anogenital Distance (mm) | 2.26 ± 0.03 | 2.23 ± 0.04 | 2.18 ± 0.03 | 2.19 ± 0.03 |
| | | Bodyweight (g) | 6.80 ± 0.09 ** | 6.76 ± 0.16 | 6.20 ± 0.13 ** | 6.01 ± 0.17 ** |
| | | Adjusted AGD (mm) | 2.22 ± 0.03 | 2.19 ± 0.03 | 2.20 ± 0.03 | 2.22 ± 0.04 |
| F2 | | No. Examined (litters) | 79 (17) | 108 (19) | 32 (7) | |
| | | Anogenital Distance (mm) | 2.15 ± 0.04 | 2.23 ± 0.03 | 2.16 ± 0.04 | |
| | | Bodyweight (g) | 7.39 ± 0.19 | 7.11 ± 0.18 | 7.32 ± 0.22 | |
| | | Adjusted AGD (mm) | 2.12 ± 0.03 | 2.22 ± 0.03 | 2.14 ± 0.04 | |

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Female Pups

| Generation | Cohort | PND1 | Treatment Groups (ppm) | | | |
|------------|--------|--------------------------|------------------------|-------------|----------------|----------------|
| | | | 0 | 338 | 1125 | 3750 |
| F1 | | No. Examined (litters) | 179 (24) | 151 (27) | 176 (28) | 127 (22) |
| | | Anogenital Distance (mm) | 1.12 ± 0.02 | 1.13 ± 0.02 | 1.08 ± 0.02 | 1.14 ± 0.03 |
| | | Bodyweight (g) | 6.53 ± 0.09 ** | 6.47 ± 0.13 | 6.00 ± 0.13 ** | 5.68 ± 0.14 ** |
| | | Adjusted AGD (mm) | 1.10 ± 0.02 * | 1.11 ± 0.02 | 1.09 ± 0.02 | 1.17 ± 0.03 |
| F2 | | No. Examined (litters) | 118 (18) | 102 (19) | 26 (7) | |
| | | Anogenital Distance (mm) | 1.15 ± 0.03 | 1.09 ± 0.03 | 1.06 ± 0.03 | |
| | | Bodyweight (g) | 7.21 ± 0.19 | 6.84 ± 0.17 | 6.81 ± 0.21 | |
| | | Adjusted AGD (mm) | 1.14 ± 0.03 | 1.10 ± 0.03 | 1.07 ± 0.02 | |

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LEGEND

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 F1 3750 ppm animals were unable to produce a F2 generation, hence this group was not evaluated.

**** END OF REPORT ****