

Study Number: MOG10866
Test Type: MOG - Range Finding
Route: Dosing in Feed
Species/Strain: Rat/Harlan Sprague Dawley

R02: Reproductive Performance Summary
Test Compound: Isopropylated Phenyl Phosphate
CAS Number: 68937-41-7

Date Report Requested: 02/22/2021
Time Report Requested: 07:24:21
Lab: Battelle

Study Number: MOG10866
Study Gender: Both
PWG Approval Date: See web page for date of PWG Approval
Version: v1.1.7

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F0 Female

Treatment Groups (ppm)

| | 0 | 1000 | 3000 | 10000 | 15000 | 30000 |
|--------------------------------------|-----------------|-----------------|-----------------|-----------------|----------------|--------------|
| No. Females Mated | 22 | 22 | 15 | 22 | 15 | 15 |
| No. Females Pregnant | 15 | 21 | 12 | 16 | 12 | 10 |
| No. Females Littering | 12 | 17 | 12 | 13 | 8 | |
| Percent of Pregnant Females/Mated | 68.2 | 95.5 * | 80.0 | 72.7 | 80.0 | 66.7 |
| Percent of Littered Females/Mated | 63.2 | 89.5 | 80.0 | 68.4 | 61.5 | |
| Percent of Littered Females/Pregnant | 100.0 | 94.4 | 100.0 | 100.0 | 80.0 | |
| Gestational Length | 22.5 ± 0.2 (12) | 22.2 ± 0.1 (17) | 22.3 ± 0.2 (12) | 22.3 ± 0.2 (13) | 22.8 ± 0.3 (8) | |

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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, resulting in percent values that may not reflect the tallies of females paired, mated, or pregnant.

Statistical analysis performed by Cochran-Armitage (trend) and Fisher Exact (pairwise) 2-sided tests for Percent of Mated Females/Paired; Percent of Littered Females/Paired; Percent of Pregnant Females/Mated; Percent of Littered Females/Mated; Percent of Littered Females/Pregnant endpoints if present.

Statistical analysis performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests for the Pre-coital Interval and Gestational Length endpoints if present.

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 30,000 ppm group was terminated on GD12, and the 15,000 ppm group was terminated by LD3/PND3 due to excessive toxicity.

Three dams were removed from the control, 1,000, and 10,000 ppm groups for biological sample collection on GD18, and one pup per sex was selected from each of three dams from the 0 and 1,000 ppm groups on PND4.

**** END OF REPORT ****