

Study Number: C20302B-02
Test Type: TOX
Route: Whole-Body Inhalation
Species/Strain: Mouse/CD-1

R02: Reproductive Performance Summary
Test Compound: alpha-Pinene
CAS Number: 80-56-8

Date Report Requested: 10/20/2023
Time Report Requested: 12:56:31
Lab: Battelle with EPL

Study Number: C20302B-02
Study Sex: Both
PWG Approval Date: See web page for date of PWG Approval
Version: v1.5.4
Stat Version: 2023.06.12S

Female: Naive Females				
	Treatment Groups (ppm)			
	0	100	200	400
No. Females Paired	25	25	25	25
No. Females Mated	25	25	25	25
No. Females Pregnant	23	23	23	25
No. Pregnant Females Removed Prior to Littering	23	22	22	23
Percent of Mated Females/Paired	100.0	100.0	100.0	100.0
Percent of Pregnant Females/Mated	92.0	92.0	92.0	100.0
Pre-coital Interval	1.8 ± 0.2 (25)	2.2 ± 0.2 (24)	1.6 ± 0.2 (24)	2.7 ± 0.5 (23)

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LEGEND

When reported, pre-coital interval in days is calculated for sperm positive females.

Statistical analysis performed by Cochran-Armitage (trend) and Fisher Exact (pairwise) 2-sided tests for the 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 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 $P \leq 0.01$

Naïve females were paired with dosed males; no dams were dosed in this study.

**** END OF REPORT ****