

Study Number: I10482B
Test Type: TOX
Route: Dosing in Feed
Species/Strain: Rat/Harlan Sprague Dawley

R02: Reproductive Performance Summary
Test Compound: N-Butylbenzenesulfonamide
CAS Number: 3622-84-2

Date Report Requested: 09/17/2020
Time Report Requested: 12:31:31
Lab: Burleson Research Technologies

Study Number: I10482B
Study Gender: Both
PWG Approval Date: See web page for date of PWG Approval
Version: v1.0.5

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F0 Female

Treatment Groups (ppm)

	0	250	500	1000
No. Females Mated	30	30	30	30
No. Females Pregnant	30	29	30	29
No. Females Littering	30	29	30	29
Percent of Pregnant Females/Mated	100.0	96.7	100.0	96.7
Percent of Littered Females/Mated	100.0	96.7	100.0	96.7
Percent of Littered Females/Pregnant	100.0	100.0	100.0	100.0
Gestational Length	21.3 ± 0.1 (30) **	21.7 ± 0.1 (29) *	21.6 ± 0.1 (30) *	21.8 ± 0.1 (29) **

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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.

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

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.

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 $P \leq 0.01$

**** END OF REPORT ****