Study Number:	I10482B
Study Gender:	Both
PWG Approval Date:	See web page for date of PWG Approval
Version:	v1.2.0

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

R03: Summary of Litter Data
Test Compound: N-Butylbenzenesulfonamide
CAS Number: 3622-84-2

Date Report Requested: 04/01/2021
Time Report Requested: 08:41:41
Lab: Burleson Research Technologies

F1 Pups from F0 Females

	Treatment Groups (ppm)			
	0	**250**	**500**	**1000**
No. F0 Dams				
PND 0	30	29	30	29
Total No. Pups				
PND 0	410	376	385	368
Total Pups per Litter				
PND 0	13.7 ± 0.3 (30)	13.0 ± 0.4 (29)	12.8 ± 0.5 (30)	12.7 ± 0.4 (29)
Total No. Live				
PND 0	401	371	380	358
Live per Litter				
PND 0	13.4 ± 0.3 (30)	12.8 ± 0.4 (29)	12.7 ± 0.4 (30)	12.3 ± 0.4 (29)
PND 1	13.3 ± 0.3 (30)	12.6 ± 0.4 (29)	12.5 ± 0.4 (30)	12.3 ± 0.4 (29)
PND 4	13.2 ± 0.3 (30)	12.5 ± 0.4 (29)	12.4 ± 0.4 (30)	12.2 ± 0.5 (29)
PND 4 post-cull	8.0 ± 0.0 (30)	8.0 ± 0.0 (29)	8.0 ± 0.0 (30)	7.9 ± 0.1 (29)
PND 7	8.0 ± 0.0 (30)	8.0 ± 0.0 (29)	8.0 ± 0.0 (30)	7.9 ± 0.1 (29)
PND 14	8.0 ± 0.0 (30)	8.0 ± 0.0 (29)	8.0 ± 0.0 (30)	7.9 ± 0.1 (29)
PND 21	7.9 ± 0.0 (30)	8.0 ± 0.0 (29)	8.0 ± 0.0 (30)	7.9 ± 0.1 (29)
PND 28	7.9 ± 0.0 (30)	8.0 ± 0.0 (29)	8.0 ± 0.0 (30)	7.9 ± 0.1 (29)
Dead per Litter				
PND 0	0.30 ± 0.12 (30)	0.17 ± 0.09 (29)	0.17 ± 0.07 (30)	0.34 ± 0.16 (29)
PND 1 - 4	0.17 ± 0.07 (30)	0.31 ± 0.11 (29)	0.23 ± 0.09 (30)	0.14 ± 0.07 (29)
PND 5 - 28	0.07 ± 0.05 (30)	0.03 ± 0.03 (29)	0.00 ± 0.00 (30)	0.00 ± 0.00 (29)
Number of Dead				
PND 0	9 (7)	5 (4)	5 (5)	10 (6)
PND 1 - 4	5 (5)	9 (7)	7 (6)	4 (4)
PND 5 - 28	2 (2)	1 (1)	0 (0)	0 (0)
% Live Male Pups per Litter				

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F1 Pups from F0 Females

	Treatment Groups (ppm)			
	0	**250**	**500**	**1000**
PND 0	49.04 ± 3.26 (30)	49.61 ± 2.47 (29)	49.88 ± 2.26 (30)	48.25 ± 2.50 (29)
Survival Ratio				
PND 0	0.98 ± 0.01 (30)	0.99 ± 0.01 (29)	0.99 ± 0.00 (30)	0.97 ± 0.01 (29)
PND 1 - 4	0.99 ± 0.01 (30)	0.98 ± 0.01 (29)	0.98 ± 0.01 (30)	0.99 ± 0.01 (29)
PND 5 - 28	0.99 ± 0.01 (30)	1.00 ± 0.00 (29)	1.00 ± 0.00 (30)	1.00 ± 0.00 (29)

LEGEND

Total No. of Pups and Total Pups per Litter is inclusive of nonviable pups.

Data are displayed as the means and standard errors of the litter means, N is number of litters

F1 Total Pups per Litter, Live per Litter, Dead per Litter, % Live Male Pups per Litter, and Survival Ratio endpoints were analyzed using Jonckheere's test for trend and Shirley's or Dunn's methods for pairwise comparison of controls to dose groups.

For Number of Dead, N is displayed as the number of pups (number of litters contributing dead pups).

No trend or pairwise tests were conducted on the Total Number of Pups, Total Number of Live, or Number of Dead endpoints.

All calculations are based on the last litter observation of the day

Survival ratio on PND 0 is live pup count at the last PND 0 litter observation relative to the total number of pups upon completion of parturition.

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 <= 0.05

** Statistically significant at P <= 0.01

** END OF REPORT **