Study Number: I10482
Test Type: TOX
Route: Dosing in Feed
Species/Strain: Mouse/B6C3F1/N

M09M: Serum Antibody Concentrations for the T-Dependent Antigen Keyhole Limpet Hemocyanin (KLH)
Test Compound: N-Butylbenzenesulfonamide
CAS Number: 3622-84-2

Date Report Requested: 09/01/2021
Time Report Requested: 08:04:18
Lab: Burleson Research Technologies

Study Number:	I10482
Study Gender:	Female
PWG Approval Date:	See web page for date of PWG Approval
Version:	v1.3.2
Stat Version:	2.1.1A

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Females: KLH

	Treatment Groups (ppm)						
	0	**313**	**625**	**1250**	**2500**	**5000**	**50 mg/kg CPS**
anti-KLH IgM (U/mL)	6248.8 ± 910.1 (8)	4925.7 ± 616.6 (7)	5140.4 ± 333.0 (8)	5294.9 ± 1323.7 (8)	4272.8 ± 957.0 (8)	8436.8 ± 1205.6 (8)	1563.0 ± 0.0 (8) **
anti-KLH IgG (U/mL)	262717.0 ± 34815.9 (8)	484192.5 ± 73012.5 (8)	405519.4 ± 56225.4 (8)	548684.6 ± 89626.6 (8) *	403051.3 ± 47070.3 (8)	363491.8 ± 66056.4 (8)	313.0 ± 0.0 (8) **

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LEGEND

Data are displayed as mean ± SEM (N) unless otherwise noted.

Statistical analysis was performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests.

Statistical analysis for the positive control group compared to the vehicle control group was performed using the Kruskal-Wallis test.

* Statistically significant at P <= 0.05

** Statistically significant at P <= 0.01

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

KLH - Keyhole Limpet Hemocyanin; IgM - Immunoglobulin M; IgG - Immunoglobulin G

Decrease in N for anti-KLH IgM in the 313 ppm dose group is due to one animal's value being excluded because it was an outlier.

CPS = Cyclophosphamide

** END OF REPORT **