

Study Number: I11054B

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

C Number:

Study Gender:

PWG Approval Date

M08: Serum IgM Antibody Titers to the T-Dependent Antigen Sheep Erythrocytes

Test Compound: Sulfolane

CAS Number: 126-33-0

Date Report Requested: 12/07/2018

Time Report Requested: 07:31:53

Lab: Burleson Research Technologies

I11054B

Both

See web page for date of PWG Approval

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F1 Males

Treatment Groups (mg/L)

	0	30	100	300	1000	15 mg/kg CPS
anti-SRBC IgM (U/mL)	2912.55 ± 481.23 (12)	4656.88 ± 1340.23 (12)	2786.31 ± 626.06 (12)	2700.37 ± 404.09 (12)	2817.49 ± 260.16 (12)	653.66 ± 161.64 (8) **

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F1 Females

Treatment Groups (mg/L)

	0	30	100	300	1000	15 mg/kg CPS
anti-SRBC IgM (U/mL)	3379.68 ± 373.22 (12)	5200.20 ± 1779.23 (12)	3772.96 ± 1119.18 (12)	3702.13 ± 641.50 (12)	4132.02 ± 927.30 (12)	939.09 ± 105.27 (8) **

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LEGEND

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

Statistical analysis performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests (unless otherwise noted).

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

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

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

SRBC - Sheep Red Blood Cells; IgM - Immunoglobulin M

CPS = Cyclophosphamide

**** END OF REPORT ****