

**Study Number:** I11054

**Test Type:** TOX

**Route:** Oral Gavage

**Species/Strain:** Mouse/B6C3F1/N

**C Number:**

I11054

**Study Gender:**

Female

**PWG Approval Date**

See web page for date of PWG Approval

**M19: TDAR SRBC: ELISpot**

**Test Compound:** Sulfolane

**CAS Number:** 126-33-0

**Date Report Requested:** 09/12/2018

**Time Report Requested:** 08:57:42

**Lab:** Burleson Research Technologies

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**Females**

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**Treatment Groups (mg/kg)**

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	<b>0</b>	<b>1</b>	<b>10</b>	<b>30</b>	<b>100</b>	<b>300</b>	<b>50 mg/kg CPS</b>
IgM AFC/10 <sup>6</sup> Spleen Cells	320.9 ± 23.2 (8) *	257.2 ± 23.9 (8)	318.1 ± 40.4 (8)	381.8 ± 42.7 (7)	350.3 ± 33.8 (8)	416.3 ± 34.2 (8)	25.3 ± 3.7 (8) **
IgM AFC/Spleen (x10 <sup>3</sup> )	28.39 ± 2.56 (8) *	24.08 ± 3.10 (8)	34.89 ± 5.55 (8)	37.75 ± 5.07 (7)	32.60 ± 3.60 (8)	38.79 ± 3.53 (8)	0.61 ± 0.09 (8) **

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#### LEGEND

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

TDAR - T-Dependent Antibody Response; SRBC - Sheep Red Blood Cells; AFC - Antibody-Forming Cells; IgM - Immunoglobulin M

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

CPS = Cyclophosphamide

**\*\* END OF REPORT \*\***