

Study Number: C11054B-01

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I04G: Mean Body Weight Gain (Chronic Animals)

Test Compound: Sulfolane

CAS Number: 126-33-0

Date Report Requested: 03/21/2023

Time Report Requested: 15:05:48

Lab: Battelle

Study Number:

C11054B-01

Study Sex:

Both

PWG Approval Date:

See web page for date of PWG Approval

Version:

v1.4.4

Stat Version:

S

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F1 Males: F1 Core Animals											
Phase	Days	Treatment Groups (mg/L)									
		0		30		100		300		1000	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	1 - 616	147.7 ± 23.3	21 (16)	162.0 ± 15.8	18 (15)	169.2 ± 14.1	17 (14)	176.5 ± 24.1	20 (14)	116.1 ± 29.5	13 (12)

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F1 Females: F1 Core Animals											
Phase	Days	Treatment Groups (mg/L)									
		0		30		100		300		1000	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	1 - 616	162.9 ± 13.0 *	25 (20)	143.6 ± 11.2	26 (17)	135.8 ± 11.6	30 (21)	137.3 ± 12.0	27 (21)	110.3 ± 15.5 *	21 (15)

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LEGEND

Weight gains are displayed as mean $\pm$ SEM of litter means. N values are displayed as # of animals (# of litters).

SD – Study Day

In multigenerational studies, body weights reported for all animals until mating; pregnant animals only during gestation and lactation; all animals post-weaning.

Statistical analysis for the F1 generation was performed using mixed models, with litter as a random effect for both trend and pairwise tests, and using Dunnett-Hsu adjustment for multiple comparisons.

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 $P \leq 0.01$

One female in the F1 Prenatal control group did not have gestational body weights recorded because the animal was not found sperm positive but was later determined to be pregnant at necropsy.

For the F1 generation animals, Study Days are defined as the number of days after interim sacrifice animals were removed. On Study Day 0, animals were between 123 and 128 days of age.

**** END OF REPORT ****