

Study Number: C11054B-02
Test Type: TOX
Route: Dosing in Water
Species/Strain: Mouse/B6C3F1/N

I04G: Mean Body Weight Gain
Test Compound: Sulfolane
CAS Number: 126-33-0

Date Report Requested: 07/26/2021
Time Report Requested: 10:02:22
Lab: Battelle

Study Number: C11054B-02
Study Sex: Both
PWG Approval Date: See web page for date of PWG Approval
Version: v1.2.8
Stat Version: v2.5.2A

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Males: Biosample 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	0 - 91	15.3 ± 1.0 *	5	16.2 ± 1.3	5	16.7 ± 1.2	5	17.1 ± 1.3	5	20.1 ± 0.4 *	5

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Females: Biosample 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	0 - 91	12.5 ± 1.5	5	11.8 ± 0.8	5	13.7 ± 0.9	5	14.1 ± 2.3	5	13.8 ± 1.0	5

Males: Interim 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	0 - 91	16.6 ± 0.7	10	17.5 ± 0.8	10	17.2 ± 0.6	10	16.2 ± 0.8	10	16.7 ± 0.6	10

Females: Interim 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	0 - 91	11.2 ± 0.4	10	14.5 ± 1.2 *	10	12.1 ± 0.9	10	11.6 ± 0.8	10	12.9 ± 0.9	10

Males: 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	0 - 91	17.3 ± 0.4	50	17.0 ± 0.4	50	16.9 ± 0.4	50	17.2 ± 0.4	50	17.1 ± 0.4	50
	91 - 707	9.4 ± 1.6	36	6.2 ± 2.2	32	5.9 ± 1.8	37	6.8 ± 1.9	36	12.7 ± 1.7	32

Females: 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	0 - 91	12.7 ± 0.5	50	12.6 ± 0.4	50	12.4 ± 0.4	50	12.4 ± 0.4	50	12.3 ± 0.4	50
	91 - 707	27.0 ± 1.4	38	26.8 ± 1.3	42	26.6 ± 1.8	37	25.6 ± 1.4	39	26.3 ± 1.6	39

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LEGEND

Data are displayed as mean $\pm$ SEM

SD – Study Day

Statistical analysis of weight data performed by Jonckheere (trend) and Williams or Dunnett (pairwise) tests.

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 SD 231 Male body weight from the 300 mg/L Core Animals group, one SD 371 Female body weight from the 1000 mg/L Core Animals group, and one SD 511 Male body weight from the 30 mg/L Core Animals group were excluded as outliers, along with the weight gain intervals bounded by these excluded weight values.

**** END OF REPORT ****