

Experiment Number: **G11054C**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Drinking water**

Species/Strain: **Rat/Sprague-Dawley**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Sulfolane**

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

Date Report Requested: **10/05/2018**

Time Report Requested: **10:36:32**

NTP Study Number:

G11054C

Study Duration:

3 Months

Study Methodology:

Flow cytometry

Male Study Result:

Negative

Female Study Result:

Negative

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Tissue: Blood; Sex: Male

Dose (mg/L)	N	MN PCE/1000		N	MN NCE/1000		% PCE	
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM	p-Value
Vehicle Control ¹	6	0.783 ± 0.139		6	0.164 ± 0.028		1.214 ± 0.177	
30	5	0.850 ± 0.208	0.6413	5	0.124 ± 0.043	0.7729	1.128 ± 0.105	0.7672
100	5	0.677 ± 0.122	0.7334	5	0.101 ± 0.014	0.8536	1.077 ± 0.053	0.8860
300	5	0.640 ± 0.080	0.7713	5	0.161 ± 0.035	0.8830	1.176 ± 0.075	0.9251
1000	5	0.600 ± 0.091	0.7920	5	0.098 ± 0.030	0.8975	1.145 ± 0.076	0.9432
Trend p-Value		0.8790			0.8350		0.9011	

Trial Summary: Negative

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Tissue: Blood; Sex: Female

Dose (mg/L)	N	MN PCE/1000		N	MN NCE/1000		% PCE	
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM	p-Value
Vehicle Control ¹	5	0.580 ± 0.132		5	0.080 ± 0.023		1.156 ± 0.082	
30	5	0.760 ± 0.116	0.4516	5	0.109 ± 0.031	0.2964	1.041 ± 0.129	1.0000
100	5	0.530 ± 0.098	0.5318	5	0.090 ± 0.023	0.3542	1.206 ± 0.036	1.0000
300	5	0.540 ± 0.073	0.5647	5	0.141 ± 0.029	0.2756	1.289 ± 0.139	1.0000
1000	5	0.560 ± 0.081	0.5820	5	0.077 ± 0.015	0.2867	1.511 ± 0.142	0.2347
Trend p-Value		0.7247			0.6948		0.0191 *	

Trial Summary: Negative

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LEGEND

MN = micronucleated, PCE = polychromatic erythrocyte, NCE = normochromatic erythrocyte

CAS Number = Chemical Abstracts Service registry number

N = Number of subjects

Values given as Mean or Mean \pm Standard Error Mean

Pairwise comparison with the control group; values are significant at $P \leq 0.025$ by Williams or Dunn's test

Dose-related trend; significant at $P \leq 0.025$ by linear regression or Jonckheere's test

* Statistically significant pairwise or trend test

1: Vehicle Control: No Stressor

**** END OF REPORT ****