

Experiment Number: **G11054D**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Drinking water**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Sulfolane**

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

Date Report Requested: **10/01/2018**

Time Report Requested: **10:39:24**

NTP Study Number:

G11054D

Study Duration:

90 day

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	5	2.630 ± 0.203		5	1.544 ± 0.025		1.538 ± 0.079	
30	5	2.600 ± 0.156	0.5209	5	1.585 ± 0.052	0.4767	1.513 ± 0.092	1.0000
100	5	2.670 ± 0.143	0.5230	5	1.510 ± 0.042	0.5592	1.516 ± 0.063	1.0000
300	5	2.920 ± 0.241	0.3417	5	1.581 ± 0.028	0.5040	1.585 ± 0.096	0.8652
1000	5	2.700 ± 0.239	0.3535	5	1.537 ± 0.051	0.5213	1.611 ± 0.053	0.6563
Trend p-Value		0.3697			0.6003		0.2922	

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	2.870 ± 0.244		5	1.383 ± 0.302		1.960 ± 0.379	
30	5	2.060 ± 0.206	0.9866	5	1.006 ± 0.020	1.0000	1.798 ± 0.220	1.0000
100	5	2.020 ± 0.101	0.9960	5	0.978 ± 0.039	1.0000	1.799 ± 0.107	1.0000
300	5	2.400 ± 0.174	0.9975	5	1.077 ± 0.054	1.0000	1.830 ± 0.104	1.0000
1000	5	2.020 ± 0.115	0.9984	5	1.007 ± 0.043	1.0000	1.794 ± 0.128	1.0000
Trend p-Value		0.9091			0.8642		0.9238	

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 ****