Experiment Number: **G11054**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Sulfolane**
CAS Number: **126-33-0**

Date Report Requested: **09/23/2018**
Time Report Requested: **15:23:34**

NTP Study Number:	G11054
Study Duration:	28 Days
Study Methodology:	Flow Cytometry
Male Study Result:	Negative
Female Study Result:	Negative

Experiment Number: **G11054**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Sulfolane**

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

Date Report Requested: **09/23/2018**

Time Report Requested: **15:23:34**

Tissue: Blood; Sex: Male; Number of Treatments: 28; Time interval between final treatment and cell sampling: 24 h

		MN PCE/1000			MN NCE/1000		% PCE	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	5	3.850 ± 0.278		5	1.431 ± 0.025		1.233 ± 0.048	
1.0	5	3.000 ± 0.079	1.0000	5	1.280 ± 0.040	0.9859	1.284 ± 0.135	1.0000
10.0	5	2.590 ± 0.117	1.0000	5	1.311 ± 0.045	0.9958	1.345 ± 0.077	1.0000
30.0	5	5.480 ± 1.145	1.0000	5	1.242 ± 0.018	0.9974	1.040 ± 0.086	1.0000
100.0	5	3.010 ± 0.203	1.0000	5	1.373 ± 0.036	0.9915	1.627 ± 0.087	0.2228
300.0	5	3.220 ± 0.162	1.0000	5	1.312 ± 0.039	0.9926	1.250 ± 0.090	0.2244
Trend p-Value		0.7434			0.5573		0.6811	

Trial Summary: Negative

Experiment Number: **G11054**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Sulfolane**

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

Date Report Requested: **09/23/2018**

Time Report Requested: **15:23:34**

Tissue: Blood; Sex: Female; Number of Treatments: 28; Time interval between final treatment and cell sampling: 24 h

		MN PCE/1000			MN NCE/1000		% PCE	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	5	2.390 ± 0.192		5	1.178 ± 0.018		1.558 ± 0.068	
1.0	5	2.290 ± 0.178	0.6057	5	1.131 ± 0.020	0.7755	1.706 ± 0.039	0.3534
10.0	5	2.580 ± 0.210	0.6925	5	1.128 ± 0.018	0.8529	1.866 ± 0.175	0.4096
30.0	5	2.090 ± 0.109	0.7268	5	1.141 ± 0.038	0.8803	1.655 ± 0.094	0.4389
100.0	5	2.240 ± 0.159	0.7450	5	1.182 ± 0.034	0.6010	1.783 ± 0.149	0.4521
300.0	5	2.420 ± 0.262	0.5992	5	1.191 ± 0.046	0.5108	1.627 ± 0.131	0.4594
Trend p-Value		0.4130			0.0801		0.6223	

Trial Summary: Negative

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 ± Standard Error Mean
Pairwise comparison with the control group; values are significant at P <= 0.025 by Williams or Dunn's test
Dose-related trend; significant at P <= 0.025 by linear regression or Jonckheere's test
* Statistically significant pairwise or trend test
1: Vehicle Control: Water

** END OF REPORT **