Experiment Number: **A22394**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Inhalation**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Divinylbenzene**
CAS Number: **1321-74-0**

Date Report Requested: **09/20/2018**
Time Report Requested: **05:41:31**

NTP Study Number:	A22394
Study Duration:	90 Days
Study Methodology:	Slide Scoring
Male Study Result:	Negative
Female Study Result:	Negative

Experiment Number: **A22394**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Inhalation**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Divinylbenzene**

CAS Number: **1321-74-0**

Date Report Requested: **09/20/2018**

Time Report Requested: **05:41:31**

Tissue: Blood; Sex: Male; Number of Treatments: 65; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (ppm)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	10	1.60 ± 0.12	
12.5	10	1.30 ± 0.15	0.7848
25.0	10	1.40 ± 0.21	0.6973
50.0	10	1.55 ± 0.26	0.5502
100.0	10	1.40 ± 0.22	0.6973
Trend p-Value		0.5580	

Trial Summary: Negative

Experiment Number: **A22394**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Inhalation**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Divinylbenzene**

CAS Number: **1321-74-0**

Date Report Requested: **09/20/2018**

Time Report Requested: **05:41:31**

Tissue: Blood; Sex: Female; Number of Treatments: 65; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (ppm)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	10	1.40 ± 0.23	
12.5	10	1.05 ± 0.16	0.8415
25.0	10	1.05 ± 0.19	0.8415
50.0	10	1.25 ± 0.17	0.6600
100.0	10	1.15 ± 0.22	0.7582
200.0	1	1.50 ± 0.00	< 0.001 *
Trend p-Value		0.5900	

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
Results were tabulated as the mean of the pooled results from all animals within a treatment group, plus or minus the standard error of the mean
Pairwise comparison to the concurrent control, dosed groups significant at p = 0.025/number of treatment groups; positive control value is significant at p = 0.05
Cochran-Armitage trend test, significant at p = 0.025
* Statistically significant pairwise or trend test
1: Vehicle Control: Air

** END OF REPORT **