Experiment Number: **A97698**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Inhalation**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Ethylbenzene**
CAS Number: **100-41-4**

Date Report Requested: **09/21/2018**
Time Report Requested: **13:29:24**

NTP Study Number:	A97698
Study Duration:	90 Days
Study Methodology:	Slide Scoring
Male Study Result:	Negative
Female Study Result:	Negative

Experiment Number: **A97698**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Inhalation**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Ethylbenzene**

CAS Number: **100-41-4**

Date Report Requested: **09/21/2018**

Time Report Requested: **13:29:24**

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]	8	1.52 ± 0.16	
500.0	10	1.66 ± 0.13	0.2507
750.0	9	1.91 ± 0.13	0.0435
1000.0	10	1.59 ± 0.16	0.3678
Trend p-Value		0.2490	

Trial Summary: Negative

Experiment Number: **A97698**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Inhalation**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Ethylbenzene**

CAS Number: **100-41-4**

Date Report Requested: **09/21/2018**

Time Report Requested: **13:29:24**

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	0.91 ± 0.11	
500.0	10	1.02 ± 0.12	0.2830
750.0	10	1.31 ± 0.22	0.0261
1000.0	10	1.14 ± 0.12	0.1220
Trend p-Value		0.0590	

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 **