Experiment Number: **A90787**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **1,4-Dichlorobenzene (p-dichlorobenzene)**
CAS Number: **106-46-7**

Date Report Requested: **09/21/2018**
Time Report Requested: **09:51:24**

NTP Study Number:	A90787
Study Duration:	90 Days
Study Methodology:	Slide Scoring
Male Study Result:	Negative
Female Study Result:	Negative

Experiment Number: **A90787**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **1,4-Dichlorobenzene (p-dichlorobenzene)**

CAS Number: **106-46-7**

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

Time Report Requested: **09:51:24**

Tissue: Blood; Sex: Male; Number of Treatments: 90; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	9	1.15 ± 0.11	
84.4	10	0.92 ± 0.12	0.8894
168.8	10	1.12 ± 0.12	0.5708
337.5	10	0.72 ± 0.13	0.9927
675.0	6	1.53 ± 0.24	0.0608
900.0	3	1.32 ± 0.24	0.2858
Trend p-Value		0.0360	

Trial Summary: Negative

Experiment Number: **A90787**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **1,4-Dichlorobenzene (p-dichlorobenzene)**

CAS Number: **106-46-7**

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

Time Report Requested: **09:51:24**

Tissue: Blood; Sex: Female; Number of Treatments: 90; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	10	0.77 ± 0.12	
337.5	10	0.76 ± 0.10	0.5311
675.0	5	0.91 ± 0.09	0.2374
900.0	1	0.66 ± 0.00	< 0.001 *
Trend p-Value		0.2720	

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: Corn Oil

** END OF REPORT **