Experiment Number: **538041**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **2,6-Dichloro-p-phenylenediamine**
CAS Number: **609-20-1**

Date Report Requested: **09/19/2018**
Time Report Requested: **18:08:20**

NTP Study Number:	538041
Study Duration:	72 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Negative

Experiment Number: **538041**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Intraperitoneal Injection**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **2,6-Dichloro-p-phenylenediamine**

CAS Number: **609-20-1**

Date Report Requested: **09/19/2018**

Time Report Requested: **18:08:20**

Tissue: Bone marrow; Sex: Male; Number of Treatments: 3; Time interval between final treatment and cell sampling: 24 h

		MN PCE/1000		% PCE
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**
Vehicle Control[1]	5	2.80 ± 0.25		48.20 ± 3.05
62.5	5	1.80 ± 0.51	0.9300	51.80 ± 3.81
125.0	3	1.33 ± 0.44	0.9710	45.67 ± 2.35
250.0	5	2.50 ± 0.32	0.6601	43.00 ± 5.17
Trend p-Value		0.5590		
Positive Control[2]	5	6.80 ± 1.14	< 0.001 *	37.70 ± 2.34

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
2: 12.5 mg/kg Dimethylbenzanthracene

** END OF REPORT **