Experiment Number: **F47664**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Diphenolic acid**
CAS Number: **126-00-1**

Date Report Requested: **09/21/2018**
Time Report Requested: **16:45:02**

NTP Study Number:	F47664
Study Duration:	3 Days
Study Methodology:	Flow Cytometry
Male Study Result:	Negative

Experiment Number: **F47664**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Diphenolic acid**

CAS Number: **126-00-1**

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

Time Report Requested: **16:45:02**

Tissue: Blood; Sex: Male; Number of Treatments: 3; 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	2.446 ± 0.204		5	1.503 ± 0.044		1.959 ± 0.160	
500.0	5	2.305 ± 0.210	0.6078	5	1.460 ± 0.039	0.7337	1.562 ± 0.120	0.0854
1000.0	5	2.426 ± 0.143	0.6957	5	1.472 ± 0.061	0.8149	1.539 ± 0.154	0.0697
2000.0	5	2.265 ± 0.300	0.7313	5	1.416 ± 0.031	0.8471	1.428 ± 0.120	0.0224 *
Trend p-Value		0.6854			0.9026		0.0280	
Positive Control[2]	5	31.525 ± 1.906	< 0.001 *	5	1.939 ± 0.016	0.0045 *	0.189 ± 0.030	< 0.001 *

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: Corn Oil
2: 50.0 mg/kg Cyclophosphamide

** END OF REPORT **