Experiment Number: **A49968**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Diallyl phthalate**
CAS Number: **131-17-9**

Date Report Requested: **09/20/2018**
Time Report Requested: **17:05:28**

NTP Study Number:	A49968
Study Duration:	48 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Negative

Experiment Number: **A49968**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Intraperitoneal Injection**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Diallyl phthalate**

CAS Number: **131-17-9**

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

Time Report Requested: **17:05:28**

Tissue: Bone marrow; Sex: Male; Number of Treatments: 1; 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	1.10 ± 0.19		43.70 ± 1.27
75.0	5	1.30 ± 0.37	0.3845	46.80 ± 1.80
150.0	5	1.10 ± 0.43	0.5000	42.40 ± 4.17
300.0	7	1.29 ± 0.59	0.3845	47.79 ± 0.94
Trend p-Value		0.4140		
Positive Control[2]	5	14.50 ± 1.82	< 0.001 *	41.20 ± 2.90

Trial Summary: Negative

Experiment Number: **A49968**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
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G04: In Vivo Micronucleus Summary Data
Test Compound: **Diallyl phthalate**
CAS Number: **131-17-9**

Date Report Requested: **09/20/2018**
Time Report Requested: **17:05:28**

Tissue: Bone marrow; Sex: Male; Number of Treatments: 1; Time interval between final treatment and cell sampling: 48 h

		MN PCE/1000		% PCE
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**
Vehicle Control[1]	5	1.00 ± 0.42		44.90 ± 2.06
150.0	5	1.10 ± 0.29	0.4136	48.80 ± 1.04
300.0	5	1.00 ± 0.27	0.5000	40.90 ± 2.67
Trend p-Value		0.5000		
Positive Control[2]	5	12.80 ± 1.74	< 0.001 *	41.80 ± 4.22

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: 25.0 mg/kg Cyclophosphamide

** END OF REPORT **