

Experiment Number: 730162  
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: 09/19/2018  
Time Report Requested: 19:39:16

<b>NTP Study Number:</b>	730162
<b>Study Duration:</b>	72 Hours
<b>Study Methodology:</b>	Slide Scoring
<b>Male Study Result:</b>	Negative

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

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		MN PCE/1000		% PCE	
Dose (mg/kg)	N	Mean ± SEM	p-Value	Mean ± SEM	
Vehicle Control <sup>1</sup>	4	2.50 ± 0.41		64.38 ± 1.96	
43.8	5	3.20 ± 0.92	0.1923	54.10 ± 7.77	
87.5	5	2.40 ± 0.19	0.5537	50.70 ± 7.19	
175.0	5	2.50 ± 0.42	0.5000	44.30 ± 3.97	
Trend p-Value		0.6600			
Positive Control <sup>2</sup>	5	7.20 ± 1.68	< 0.001 *	34.20 ± 3.26	

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Trial Summary: Negative

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LEGEND

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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  $\pm$  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  $p = 0.025/\text{number of treatment groups}$ ; 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 \*\***