

Experiment Number: 719908  
Test Type: Genetic Toxicology - Micronucleus  
Route: Intraperitoneal Injection  
Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: Di(2-ethylhexyl)adipate  
CAS Number: 103-23-1

Date Report Requested: 09/19/2018  
Time Report Requested: 19:30:49

<b>NTP Study Number:</b>	719908
<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

			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
375.0	5		3.40 ± 0.81	0.1363	39.50 ± 2.57
750.0	5		2.30 ± 0.30	0.6076	59.00 ± 3.87
1500.0	5		2.40 ± 0.51	0.5537	60.20 ± 4.68
2000.0	5		2.60 ± 0.58	0.4475	47.20 ± 2.62
Trend p-Value			0.7050		
Positive Control <sup>2</sup>	5		7.20 ± 1.68	< 0.001 *	34.20 ± 3.26
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 \*\***