

Experiment Number: **A61034**  
Test Type: **Genetic Toxicology - Micronucleus**  
Route: **Intraperitoneal Injection**  
Species/Strain: **Mouse/B6C3F1**

**G04: In Vivo Micronucleus Summary Data**

Test Compound: **Butyl benzyl phthalate**  
CAS Number: **85-68-7**

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

Time Report Requested: **22:09:34**

**NTP Study Number:** A61034  
**Study Duration:** 72 Hours  
**Study Methodology:** Slide Scoring  
**Male Study Result:** Negative

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

Dose (mg/kg)	N	MN PCE/1000		N	MN NCE/1000		% PCE
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control <sup>1</sup>	5	1.60 ± 0.43		4	0.00 ± 0.00		46.35 ± 2.76
312.5	5	0.80 ± 0.34	0.9489				54.66 ± 1.47
625.0	5	1.60 ± 0.24	0.5000				54.96 ± 2.50
1250.0	5	1.10 ± 0.29	0.8322	3	0.00 ± 0.00	0.5000	47.23 ± 1.92
2500.0	5	1.70 ± 0.20	0.4308	3	0.00 ± 0.00	0.5000	47.43 ± 1.52
Trend p-Value		0.2460					
Positive Control <sup>2</sup>	5	11.40 ± 1.35	< 0.001 *	5	0.00 ± 0.00	0.5000	42.76 ± 1.35

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: 25.0 mg/kg Cyclophosphamide

**\*\* END OF REPORT \*\***