

Experiment Number: A61727

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: Octabromodiphenyl ether

CAS Number: 32536-52-0

Date Report Requested: 09/20/2018

Time Report Requested: 22:28:45

**NTP Study Number:**

A61727

**Study Duration:**

3 Days

**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	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control <sup>1</sup>	5	1.20 ± 0.30		51.90 ± 2.59
500.0	5	1.00 ± 0.22	0.6652	16.60 ± 0.91
1000.0	4	0.86 ± 0.12	0.7518	14.75 ± 1.33
2000.0	1	0.00 ± 0.00	< 0.001 *	5.00 ± 0.00
Trend p-Value		0.7580		
Positive Control <sup>2</sup>	5	29.80 ± 1.54	< 0.001 *	27.40 ± 4.86

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: 50.0 mg/kg Cyclophosphamide

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