

Experiment Number: A24930

Test Type: Genetic Toxicology - Micronucleus

Route: Intraperitoneal Injection

Species/Strain: Rat/Fischer 344

**G04: In Vivo Micronucleus Summary Data**

Test Compound: Bisphenol A

CAS Number: 80-05-7

Date Report Requested: 09/20/2018

Time Report Requested: 06:31:42

**NTP Study Number:**

A24930

**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	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control <sup>1</sup>	5	1.40 ± 0.37		53.10 ± 1.81
78.13	5	1.60 ± 0.19	0.3574	50.50 ± 3.63
156.25	5	0.60 ± 0.24	0.9633	49.60 ± 3.13
312.5	5	0.70 ± 0.37	0.9368	44.80 ± 3.93
625.0	5	1.50 ± 0.35	0.4263	47.50 ± 3.25
1250.0	2	1.50 ± 0.00	0.4437	48.00 ± 0.00
2500.0	3	0.83 ± 0.33	0.8432	36.83 ± 1.88
Trend p-Value		0.6730		
Positive Control <sup>2</sup>	5	31.90 ± 1.58	< 0.001 *	34.90 ± 1.55

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 \*\***