

Experiment Number: A44491

Test Type: Genetic Toxicology - Micronucleus

Route: Intraperitoneal Injection

Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: Ethylene bis acrylamide

CAS Number: 2956-58-3

Date Report Requested: 09/20/2018

Time Report Requested: 14:35:04

**NTP Study Number:**

A44491

**Study Duration:**

24 Hours

**Study Methodology:**

Slide Scoring

**Male Study Result:**

Positive (Nonstandard Protocol)

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Tissue: Bone marrow; Sex: Male; Number of Treatments: 1; 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	4.50 ± 0.27		25.50 ± 2.68
200.0	5	28.70 ± 3.15	< 0.001 *	21.90 ± 5.40
400.0	5	33.90 ± 2.94	< 0.001 *	12.20 ± 2.45
800.0	5	25.30 ± 0.94	< 0.001 *	10.50 ± 2.12
Trend p-Value		< 0.001 *		
Positive Control <sup>2</sup>	5	19.40 ± 1.78	< 0.001 *	26.20 ± 7.10

Trial Summary: Positive (Nonstandard Protocol)

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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: Phosphate Buffered Saline

2: 0.5 mg/kg Mitomycin-C

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