

Experiment Number: 710269
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data
Test Compound: N,N'-methylenebisacrylamide
CAS Number: 110-26-9

Date Report Requested: 09/19/2018
Time Report Requested: 19:21:13

| | |
|---------------------------|---------------|
| NTP Study Number: | 710269 |
| Study Duration: | 2 Days |
| Study Methodology: | Slide Scoring |
| Male Study Result: | Positive |

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Tissue: Bone marrow; Sex: Male; Number of Treatments: 2; 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 ¹ | 5 | 0.50 ± 0.16 | | 45.12 ± 1.54 | |
| 25.0 | 5 | 8.30 ± 2.89 | < 0.001 * | 38.92 ± 3.53 | |
| 50.0 | 5 | 8.20 ± 2.87 | < 0.001 * | 31.08 ± 3.61 | |
| 100.0 | 5 | 20.00 ± 2.93 | < 0.001 * | 32.36 ± 1.69 | |
| Trend p-Value | | < 0.001 * | | | |
| Positive Control ² | 5 | 20.40 ± 2.13 | < 0.001 * | 37.96 ± 5.35 | |

Trial Summary: Positive

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LEGEND

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: 1.0 mg/kg Mitomycin-C

**** END OF REPORT ****