

Experiment Number: A96144  
Test Type: Genetic Toxicology - Micronucleus  
Route: Intraperitoneal Injection  
Species/Strain: Rat/Fischer 344

**G04: In Vivo Micronucleus Summary Data**

Test Compound: m-Nitrotoluene  
CAS Number: 99-08-1

Date Report Requested: 09/21/2018

Time Report Requested: 12:55:24

**NTP Study Number:** A96144  
**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	0.80 ± 0.12		38.60 ± 2.74
25.0	5	1.10 ± 0.24	0.2455	44.60 ± 2.24
100.0	5	0.50 ± 0.16	0.7974	43.70 ± 1.37
400.0	5	0.90 ± 0.10	0.4041	40.80 ± 1.16
550.0	7	1.21 ± 0.26	0.1633	43.29 ± 2.01
Trend p-Value		0.1420		
Positive Control <sup>2</sup>	5	10.30 ± 2.79	< 0.001 *	33.00 ± 0.69

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 \*\***