

Experiment Number: A24051  
Test Type: Genetic Toxicology - Micronucleus  
Route: Intraperitoneal Injection  
Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: Ethyl cyanoacrylate  
CAS Number: 7085-85-0

Date Report Requested: 09/20/2018

Time Report Requested: 06:16:27

<b>NTP Study Number:</b>	A24051
<b>Study Duration:</b>	72 Hours
<b>Study Methodology:</b>	Slide Scoring
<b>Male Study Result:</b>	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>	4	1.63 ± 0.13		58.63 ± 3.79
40.0	5	0.80 ± 0.25	0.9464	63.90 ± 2.81
80.0	5	0.70 ± 0.37	0.9679	53.90 ± 4.17
120.0	5	0.90 ± 0.29	0.9167	48.70 ± 6.15
160.0	3	0.67 ± 0.17	0.9464	42.33 ± 10.17
Trend p-Value		0.9430		
Positive Control <sup>2</sup>	5	9.40 ± 1.24	< 0.001 *	60.20 ± 6.38

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 \*\***