

Experiment Number: A57498

Test Type: Genetic Toxicology - Micronucleus

Route: Dermal

Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: Cyclophosphamide monohydrate

CAS Number: 6055-19-2

Date Report Requested: 09/20/2018

Time Report Requested: 20:30:43

**NTP Study Number:**

A57498

**Study Duration:**

24 Hours

**Study Methodology:**

Slide Scoring

**Male Study Result:**

Positive

**Female Study Result:**

Positive

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Tissue: Blood; Sex: Male; Number of Treatments: 1; Time interval between final treatment and cell sampling: 24 h

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**MN NCE/1000**

<b>Dose (mg/kg)</b>	<b>N</b>	<b>Mean ± SEM</b>	<b>p-Value</b>
Vehicle Control <sup>1</sup>	15	0.83 ± 0.15	
90.0	15	1.90 ± 0.13	< 0.001 *
Trend p-Value		< 0.001 *	

Trial Summary: Positive

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Tissue: Blood; Sex: Female; Number of Treatments: 1; Time interval between final treatment and cell sampling: 24 h

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		MN NCE/1000	
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control <sup>1</sup>	14	0.64 ± 0.12	
90.0	14	1.79 ± 0.14	< 0.001 *
Trend p-Value		< 0.001 *	

Trial Summary: Positive

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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: Ethanol

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