

Experiment Number: A17052  
Test Type: Genetic Toxicology - Micronucleus  
Route: Gavage  
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: 04:29:49

<b>NTP Study Number:</b>	A17052
<b>Study Duration:</b>	24 Hours
<b>Study Methodology:</b>	Slide Scoring
<b>Male Study Result:</b>	Positive
<b>Female Study Result:</b>	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	
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control <sup>1</sup>	15	0.80 ± 0.11	
60.0	11	2.41 ± 0.20	< 0.001 *
Trend p-Value		< 0.001 *	

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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>	15	1.13 ± 0.14	
60.0	14	2.39 ± 0.21	< 0.001 *
Trend p-Value		< 0.001 *	

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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: Water

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