

Experiment Number: A91782
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: 09/21/2018
Time Report Requested: 10:35:01

NTP Study Number:	A91782
Study Duration:	24 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Positive
Female Study Result:	Weakly Positive

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

MN NCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	14	1.18 ± 0.10	
10.0	14	1.61 ± 0.17	0.0870
30.0	15	2.33 ± 0.17	< 0.001 *
60.0	10	2.35 ± 0.20	0.0010 *
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

MN NCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	12	1.33 ± 0.19	
10.0	13	1.35 ± 0.21	0.4844
30.0	11	1.73 ± 0.25	0.1395
60.0	12	1.96 ± 0.17	0.0456
Trend p-Value		0.0220 *	

Trial Summary: Weakly 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: Water

**** END OF REPORT ****