

Experiment Number: A69181

Test Type: Genetic Toxicology - Micronucleus

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 09/21/2018

Time Report Requested: 01:00:52

NTP Study Number:

A69181

Study Duration:

92 Days

Study Methodology:

Slide Scoring

Male Study Result:

Negative

Female Study Result:

Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 92; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (%)	N	Mean ± SEM	p-Value
Vehicle Control ¹	5	0.80 ± 0.25	
0.03	5	1.80 ± 0.37	0.0249
0.06	5	1.20 ± 0.25	0.1854
0.13	5	1.80 ± 0.56	0.0249
0.25	5	1.70 ± 0.34	0.0358
0.5	5	1.30 ± 0.25	0.1375
Trend p-Value		0.3900	

Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 92; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (%)	N	Mean ± SEM	p-Value
Vehicle Control ¹	5	0.70 ± 0.20	
0.03	5	0.80 ± 0.12	0.3981
0.06	5	0.60 ± 0.37	0.6093
0.13	5	1.10 ± 0.37	0.1728
0.25	5	1.10 ± 0.24	0.1728
0.5	5	1.10 ± 0.33	0.1728
Trend p-Value		0.1100	

Trial Summary: Negative

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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: Feed

**** END OF REPORT ****