

Experiment Number: A73499

Test Type: Genetic Toxicology - Micronucleus

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Cresols

CAS Number: 1319-77-3

Date Report Requested: 09/21/2018

Time Report Requested: 03:00:26

NTP Study Number:

A73499

Study Duration:

90 Days

Study Methodology:

Slide Scoring

Male Study Result:

Negative

Female Study Result:

Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 90; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	10	0.94 ± 0.14	
0.1	10	0.82 ± 0.13	0.7746
0.2	10	0.89 ± 0.11	0.6086
0.3	10	0.80 ± 0.09	0.8126
0.5	10	0.95 ± 0.08	0.4604
1.0	10	0.98 ± 0.10	0.3874
Trend p-Value		0.1990	
Positive Control ²	3	13.18 ± 0.95	< 0.001 *

Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 90; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	10	0.69 ± 0.08	
0.1	10	0.60 ± 0.05	0.7908
0.2	10	0.53 ± 0.08	0.9406
0.3	10	0.55 ± 0.07	0.9060
0.5	10	0.50 ± 0.06	0.9636
1.0	10	0.55 ± 0.09	0.9087
Trend p-Value		0.8730	

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

2: 0.2 mg/kg Urne

**** END OF REPORT ****