

Experiment Number: A02909

Test Type: Genetic Toxicology - Micronucleus

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: o-Cresol

CAS Number: 95-48-7

Date Report Requested: 09/19/2018

Time Report Requested: 22:40:39

NTP Study Number:

A02909

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	1.85 ± 0.17	
0.5	10	1.76 ± 0.09	0.7012
1.0	10	1.69 ± 0.10	0.8284
2.0	10	1.93 ± 0.07	0.3320
Trend p-Value		0.3000	

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	1.34 ± 0.08	
0.5	10	1.19 ± 0.05	0.8585
1.0	10	1.33 ± 0.10	0.5243
2.0	10	1.32 ± 0.09	0.5671
Trend p-Value		0.4240	

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: Solvent

**** END OF REPORT ****