

Experiment Number: A81432

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: m-Chloroaniline

CAS Number: 108-42-9

Date Report Requested: 09/21/2018

Time Report Requested: 06:00:24

NTP Study Number:

A81432

Study Duration:

93 Days

Study Methodology:

Slide Scoring

Male Study Result:

Negative

Female Study Result:

Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 6; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	5	0.90 ± 0.24	
10.0	5	1.10 ± 0.10	0.3273
20.0	5	1.40 ± 0.10	0.1484
40.0	5	1.10 ± 0.19	0.3273
80.0	5	1.00 ± 0.16	0.4092
160.0	5	1.20 ± 0.25	0.2562
Trend p-Value		0.4220	

Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 6; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	5	0.60 ± 0.19	
10.0	5	1.10 ± 0.33	0.1125
20.0	5	1.00 ± 0.00	0.1586
40.0	5	1.40 ± 0.19	0.0367
80.0	5	1.00 ± 0.22	0.1586
160.0	5	0.90 ± 0.19	0.2192
Trend p-Value		0.4910	

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: Water

**** END OF REPORT ****