

Experiment Number: A07291

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: o-Chloroaniline

CAS Number: 95-51-2

Date Report Requested: 09/20/2018

Time Report Requested: 00:36:00

**NTP Study Number:**

A07291

**Study Duration:**

13 Weeks

**Study Methodology:**

Slide Scoring

**Male Study Result:**

Negative

**Female Study Result:**

Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 67; Time interval between final treatment and cell sampling: 24 h

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<b>MN NCE/1000</b>			
<b>Dose (mg/kg)</b>	<b>N</b>	<b>Mean ± SEM</b>	<b>p-Value</b>
Vehicle Control <sup>1</sup>	5	1.00 ± 0.16	
10.0	5	1.10 ± 0.29	0.4136
20.0	5	1.30 ± 0.20	0.2657
40.0	5	1.60 ± 0.33	0.1195
80.0	5	1.30 ± 0.34	0.2657
160.0	5	0.70 ± 0.20	0.7667
Trend p-Value		0.8350	

Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 67; Time interval between final treatment and cell sampling: 24 h

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<b>MN NCE/1000</b>			
<b>Dose (mg/kg)</b>	<b>N</b>	<b>Mean ± SEM</b>	<b>p-Value</b>
Vehicle Control <sup>1</sup>	5	0.70 ± 0.25	
10.0	5	1.20 ± 0.30	0.1256
20.0	5	0.80 ± 0.12	0.3981
40.0	5	0.90 ± 0.19	0.3085
80.0	5	0.90 ± 0.19	0.3085
160.0	5	0.80 ± 0.25	0.3981
Trend p-Value		0.5970	

Trial Summary: Negative

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LEGEND

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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 \*\***