

Experiment Number: A93812  
Test Type: Genetic Toxicology - Micronucleus  
Route: Intraperitoneal Injection  
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: 11:59:52

**NTP Study Number:** A93812  
**Study Duration:** 72 Hours  
**Study Methodology:** Slide Scoring  
**Male Study Result:** Negative

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Test Compound: m-Chloroaniline  
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Tissue: Bone marrow; Sex: Male; Number of Treatments: 1; Time interval between final treatment and cell sampling: 24 h

Dose (mg/kg)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control <sup>1</sup>	5	1.10 ± 0.33		40.70 ± 2.82
100.0	4	1.38 ± 0.43	0.2999	36.38 ± 2.93
200.0	5	1.00 ± 0.35	0.5864	40.70 ± 1.87
400.0	5	3.10 ± 0.66	0.0010 *	36.30 ± 2.68
Trend p-Value		< 0.001 *		
Positive Control <sup>2</sup>	5	13.00 ± 2.03	< 0.001 *	37.30 ± 2.87

Trial Summary: Negative

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Dose (mg/kg)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control <sup>1</sup>	5	3.80 ± 1.94		45.20 ± 4.36
200.0	5	1.00 ± 0.35	0.9810	48.80 ± 6.89
400.0	5	2.40 ± 0.86	0.8193	41.80 ± 2.95
500.0	5	1.20 ± 0.34	0.9704	45.50 ± 1.29
Trend p-Value		0.9460		
Positive Control <sup>2</sup>	5	12.60 ± 2.30	< 0.001 *	41.40 ± 2.77

Trial Summary: Negative

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Tissue: Bone marrow; Sex: Male; Number of Treatments: 3; Time interval between final treatment and cell sampling: 24 h

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Dose (mg/kg)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control <sup>1</sup>	4	1.25 ± 0.25		40.75 ± 9.18
100.0	5	2.30 ± 0.94	0.0509	47.80 ± 5.36
200.0	5	2.30 ± 0.25	0.0509	52.70 ± 4.83
Trend p-Value		0.0660		
Positive Control <sup>2</sup>	5	16.90 ± 3.30	< 0.001 *	42.10 ± 5.20

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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: Corn Oil

2: 25.0 mg/kg Cyclophosphamide

**\*\* END OF REPORT \*\***