

Experiment Number: A12620  
Test Type: Genetic Toxicology - Micronucleus  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: m-Nitrobenzoic acid  
CAS Number: 121-92-6

Date Report Requested: 09/20/2018  
Time Report Requested: 02:40:18

<b>NTP Study Number:</b>	A12620
<b>Study Duration:</b>	90 Days
<b>Study Methodology:</b>	Slide Scoring
<b>Male Study Result:</b>	Negative
<b>Female Study Result:</b>	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 (%)	N	Mean $\pm$ SEM	p-Value
Vehicle Control <sup>1</sup>	10	1.61 $\pm$ 0.06	
0.125	10	1.68 $\pm$ 0.08	0.3409
0.25	10	1.38 $\pm$ 0.11	0.9359
0.5	10	1.43 $\pm$ 0.07	0.8818
1.0	10	1.47 $\pm$ 0.13	0.8166
2.0	10	1.64 $\pm$ 0.11	0.4351
Trend p-Value		0.3510	

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 (%)	N	Mean ± SEM	p-Value
Vehicle Control <sup>1</sup>	10	1.20 ± 0.06	
0.125	10	1.15 ± 0.06	0.6430
0.25	10	1.07 ± 0.06	0.8386
0.5	10	1.13 ± 0.08	0.6792
1.0	10	1.21 ± 0.07	0.4613
2.0	10	1.15 ± 0.06	0.6352
Trend p-Value		0.4270	

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: Feed

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