

Experiment Number: A44104  
Test Type: Genetic Toxicology - Micronucleus  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: 2,4,7-Trinitro-fluoren-9-one  
CAS Number: 129-79-3

Date Report Requested: 09/20/2018

Time Report Requested: 14:20:01

<b>NTP Study Number:</b>	A44104
<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

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<b>MN NCE/1000</b>			
<b>Dose (ppm)</b>	<b>N</b>	<b>Mean ± SEM</b>	<b>p-Value</b>
Vehicle Control <sup>1</sup>	10	0.72 ± 0.10	
3125.0	9	0.70 ± 0.09	0.5727
6250.0	8	1.04 ± 0.11	0.0098
12500.0	6	0.68 ± 0.08	0.6428
Trend p-Value		0.3830	
Positive Control <sup>2</sup>	3	10.61 ± 1.16	< 0.001 *

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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

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<b>MN NCE/1000</b>			
<b>Dose (ppm)</b>	<b>N</b>	<b>Mean ± SEM</b>	<b>p-Value</b>
Vehicle Control <sup>1</sup>	10	0.52 ± 0.03	
3125.0	10	0.67 ± 0.08	0.0724
6250.0	10	0.58 ± 0.06	0.2878
12500.0	8	0.61 ± 0.09	0.2027
25000.0	1	0.56 ± 0.00	< 0.001 *
Trend p-Value		0.3270	

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

2: 0.2 ppm Urne

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