

Experiment Number: A09684  
Test Type: Genetic Toxicology - Micronucleus  
Route: Inhalation  
Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: Tetrafluoroethylene  
CAS Number: 116-14-3

Date Report Requested: 09/20/2018  
Time Report Requested: 01:42:15

<b>NTP Study Number:</b>	A09684
<b>Study Duration:</b>	13 Weeks
<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: 65; 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	1.14 ± 0.10	
1250.0	10	1.32 ± 0.07	0.1021
2500.0	10	1.29 ± 0.07	0.1437
5000.0	10	1.28 ± 0.06	0.1507
Trend p-Value		0.2160	

Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 65; 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	1.06 ± 0.08	
1250.0	10	1.04 ± 0.07	0.5510
2500.0	10	1.08 ± 0.07	0.4482
5000.0	10	1.14 ± 0.04	0.2826
Trend p-Value		0.2490	

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: Air

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