

Experiment Number: A08423  
Test Type: Genetic Toxicology - Micronucleus  
Route: Intraperitoneal Injection  
Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: Furfuryl alcohol  
CAS Number: 98-00-0

Date Report Requested: 09/20/2018

Time Report Requested: 01:06:59

<b>NTP Study Number:</b>	A08423
<b>Study Duration:</b>	72 Hours
<b>Study Methodology:</b>	Slide Scoring
<b>Male Study Result:</b>	Negative

Experiment Number: A08423  
 Test Type: Genetic Toxicology - Micronucleus  
 Route: Intraperitoneal Injection  
 Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**  
 Test Compound: Furfuryl alcohol  
 CAS Number: 98-00-0

Date Report Requested: 09/20/2018  
 Time Report Requested: 01:06:59

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

Dose (mg/kg)	N	MN PCE/1000		N	MN NCE/1000		% PCE
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control <sup>1</sup>	5	1.00 ± 0.16		2	0.00 ± 0.00		48.15 ± 1.15
15.625	5	1.50 ± 0.69	0.1585	1	0.00 ± 0.00	< 0.001 *	49.30 ± 0.00
31.25	5	1.00 ± 0.32	0.5000	1	0.00 ± 0.00	< 0.001 *	45.80 ± 0.00
62.5	5	1.40 ± 0.56	0.2070				59.18 ± 2.11
125.0	5	1.40 ± 0.19	0.2070	2	0.00 ± 0.00	0.5000	45.50 ± 2.40
Trend p-Value		0.2660					
Positive Control <sup>2</sup>	5	8.80 ± 1.34	< 0.001 *	5	0.00 ± 0.00	0.5000	48.04 ± 2.56

Trial Summary: Negative

Experiment Number: A08423  
Test Type: Genetic Toxicology - Micronucleus  
Route: Intraperitoneal Injection  
Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**  
Test Compound: Furfuryl alcohol  
CAS Number: 98-00-0

Date Report Requested: 09/20/2018  
Time Report Requested: 01:06:59

#### LEGEND

---

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: Phosphate Buffered Saline

2: 15.0 mg/kg Cyclophosphamide

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