

Experiment Number: **G10119B**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Furan**

CAS Number: **110-00-9**

Date Report Requested: **09/23/2018**

Time Report Requested: **14:28:32**

NTP Study Number:

G10119B

Study Duration:

21 Days

Study Methodology:

Flow Cytometry

Female Study Result:

Equivocal

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Tissue: Blood; Sex: Female; Number of Treatments: 15; Time interval between final treatment and cell sampling: 28 h

Dose (mg/kg)	N	MN PCE/1000		N	MN NCE/1000		% PCE	
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM	p-Value
Vehicle Control ¹	5	1.770 ± 0.097		5	1.094 ± 0.020		1.513 ± 0.089	
1.0	5	1.710 ± 0.189	0.5476	5	1.065 ± 0.017	0.6550	1.470 ± 0.088	1.0000
2.0	5	1.750 ± 0.182	0.6156	5	1.085 ± 0.027	0.6783	2.021 ± 0.435	0.7992
4.0	5	1.820 ± 0.166	0.5199	5	1.098 ± 0.032	0.5641	1.377 ± 0.088	0.8423
8.0	4	2.163 ± 0.195	0.0800	4	1.173 ± 0.028	0.0273	1.677 ± 0.165	0.7177
Trend p-Value		0.0302			0.0059 *		0.8047	

Trial Summary: Equivocal

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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

Pairwise comparison with the control group; values are significant at $P \leq 0.025$ by Williams or Dunn's test

Dose-related trend; significant at $P \leq 0.025$ by linear regression or Jonckheere's test

* Statistically significant pairwise or trend test

1: Vehicle Control: Corn Oil

**** END OF REPORT ****