

Experiment Number: **G10119C**

Test Type: **Genetic Toxicology - In Vivo Alkaline Comet Assay**

Route: **Oral Gavage**

Species/Strain: **Mouse/B6C3F1**

**G01: In Vivo Alkaline Comet Summary Data**

Test Compound: **Furan**

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

Date Report Requested: **02/27/2019**

Time Report Requested: **11:45:09**

**NTP Study Number:**

G10119C

**Study Duration:**

15 day

**Female Study Result:**

Positive

Experiment Number: G10119C

**G01: In Vivo Alkaline Comet Summary Data**

Date Report Requested: 02/27/2019

Test Type: Genetic Toxicology - In Vivo Alkaline Comet Assay

Test Compound: Furan

Time Report Requested: 11:45:09

Route: Oral Gavage

CAS Number: 110-00-9

Species/Strain: Mouse/B6C3F1

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**Sex: Female; Number of Treatments: 15**

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Dose (mg/kg/day)	N	Blood		N	Liver	
		Percent Tail DNA	p-Value		Percent Tail DNA	p-Value
Vehicle Control <sup>1</sup>	9	2.065 ± 0.141		8	6.079 ± 1.294	
1	10	2.434 ± 0.201	0.0711	10	4.997 ± 0.344	1.0000
2	8	2.684 ± 0.158	0.0126 *	8	5.707 ± 0.417	0.9390
4	9	2.868 ± 0.177	0.0015 *	9	5.235 ± 0.430	1.0000
8	10	2.991 ± 0.187	< 0.001 *	10	5.644 ± 0.331	0.9206
Trend p-Value		< 0.001 *			0.1733	

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LEGEND

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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 \*\***