

Experiment Number: **G10891**

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

Route: **Oral Gavage**

Species/Strain: **Rat/Sprague Dawley**

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

Test Compound: **Cyfluthrin**

CAS Number: **68359-37-5**

Date Report Requested: **08/30/2018**

Time Report Requested: **15:46:09**

**NTP Study Number:**

G10891

**Study Duration:**

4 day

**Male Study Result:**

Negative

Experiment Number: G10891

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

Date Report Requested: 08/30/2018

Test Type: Genetic Toxicology - In Vivo Alkaline Comet Assay

Test Compound: Cyfluthrin

Time Report Requested: 15:46:09

Route: Oral Gavage

CAS Number: 68359-37-5

Species/Strain: Rat/Sprague Dawley

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**Sex: Male; Number of Treatments: 4; Time interval between final treatment and cell sampling: 4 h**

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Liver			
Dose (mg/kg/day)	N	Percent Tail DNA	p-Value
Vehicle Control <sup>1</sup>	6	1.920 ± 0.436	
23	6	1.619 ± 0.235	0.6166
Trend p-Value		0.7218	

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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/1% Acetone

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