

Experiment Number: **G00059**

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: **N,N-Dimethyl-p-toluidine**

CAS Number: **99-97-8**

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

Time Report Requested: **15:45:30**

**NTP Study Number:**

G00059

**Study Duration:**

4 day

**Male Study Result:**

Positive

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

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<b>Liver</b>			
<b>Dose (mg/kg)</b>	<b>N</b>	<b>Percent Tail DNA</b>	<b>p-Value</b>
Vehicle Control <sup>1</sup>	6	10.492 ± 1.228	
60	6	14.601 ± 1.347	0.0232 *
Trend p-Value		0.0239 *	

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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/Acetone(99:1)

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