

Experiment Number: **G1104ZA**

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

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

Date Report Requested: **08/07/2018**

Time Report Requested: **16:03:59**

NTP Study Number:

G1104ZA

Study Duration:

4 day

Male Study Result:

Negative

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Route: Oral Gavage

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

Dose (mg/kg/day)	N	Blood		N	Liver	
		Percent Tail DNA	p-Value		Percent Tail DNA	p-Value
Vehicle Control ¹	5	1.952 ± 0.244		5	5.329 ± 0.592	
30	5	1.910 ± 0.233	0.6840	5	5.747 ± 1.697	0.3887
60	5	1.510 ± 0.143	0.7705	5	6.544 ± 0.423	0.2741
75	5	2.152 ± 0.297	0.3576	5	6.308 ± 0.805	0.2912
Trend p-Value		0.5286			0.1819	
Positive Control ²	5	20.660 ± 1.096	< 0.001 *	5	19.248 ± 1.003	< 0.001 *

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LEGEND

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

2: 150 mg/kg/day Ethyl methanesulfonate

**** END OF REPORT ****