

Experiment Number: **F96846B**

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: **3,4,5,6-Tetrabromo-o-Cresol**

CAS Number: **576-55-6**

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

Time Report Requested: **15:45:19**

NTP Study Number:

F96846B

Study Duration:

4 day

Male Study Result:

Negative

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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	8.394 ± 1.932		5	39.184 ± 5.996	
125	5	7.023 ± 1.673	0.6817	5	35.671 ± 6.070	0.7639
250	5	6.196 ± 1.772	0.7683	5	33.028 ± 3.715	0.8419
500	5	7.164 ± 1.722	0.8023	5	29.092 ± 2.133	0.8705
Trend p-Value		0.6722			0.9388	
Positive Control ²	5	16.056 ± 2.714	0.0251 *	5	34.215 ± 1.728	0.6230

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Stomach

Dose (mg/kg/day)	N	Percent Tail DNA	p-Value
Vehicle Control ¹	5	49.513 ± 3.954	
125	5	44.558 ± 3.741	0.7964
250	5	43.499 ± 2.468	0.8690
500	5	46.038 ± 1.298	0.8858
Trend p-Value		0.7294	
Positive Control ²	5	51.839 ± 2.229	0.3130

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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: 25 mg/kg/day Cyclophosphamide monohydrate

**** END OF REPORT ****