

Experiment Number: **G10947**

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: **Corn Oil/Acetone (99:1)**

CAS Number: **CORNACETONE**

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

Time Report Requested: **11:04:13**

**NTP Study Number:**

G10947

**Study Duration:**

4 day

**Male Study Result:**

Negative

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**Sex: Male; Number of Treatments: 4**

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Dose (mL/kg/day)	N	Blood		Colon		
		Percent Tail DNA	p-Value	N	Percent Tail DNA	p-Value
Untreated Control	7	5.174 ± 0.487		7	19.678 ± 3.745	
10	7	2.083 ± 0.419	0.9834	7	18.262 ± 2.989	0.5574
Trend p-Value		0.9998			0.6137	

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Dose (mL/kg/day)	N	Liver		N	Stomach	
		Percent Tail DNA	p-Value		Percent Tail DNA	p-Value
Untreated Control	7	13.525 ± 0.979		7	15.816 ± 1.350	
10	7	12.133 ± 1.551	0.6440	6	14.658 ± 0.665	0.6287
Trend p-Value		0.7687			0.7592	

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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

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