

Experiment Number: **G7647145**

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

Route: **Oral Gavage**

Species/Strain: **Rat/Crl:CD (SD)**

G01: In Vivo Alkaline Comet Summary Data

Test Compound: **Sodium Chloride**

CAS Number: **7647-14-5**

Date Report Requested: **08/31/2018**

Time Report Requested: **13:24:06**

NTP Study Number:

G7647145

Study Duration:

3 day

Male Study Result:

Negative

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Sex: Male; Number of Treatments: 3; Time interval between final treatment and cell sampling: 3 h

Dose (mg/kg/day)	Liver			Stomach		
	N	Percent Tail DNA	p-Value	N	Percent Tail DNA	p-Value
Vehicle Control ¹	5	0.307 ± 0.095		5	13.971 ± 2.719	
500	5	0.214 ± 0.067	0.7733	5	13.549 ± 1.879	0.6595
1000	5	0.225 ± 0.073	0.8499	5	14.431 ± 1.995	0.7467
2000	5	0.172 ± 0.042	0.8773	5	9.144 ± 1.367	0.7813
Trend p-Value		0.8875			0.9519	
Positive Control ²	5	18.400 ± 0.678	< 0.001 *	5	33.569 ± 1.784	< 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: Deionized Water

2: 200 mg/kg/day Ethyl Methanesulfonate

**** END OF REPORT ****