

Experiment Number: A80598

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Rat/Fischer 344

**G04: In Vivo Micronucleus Summary Data**

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 09/21/2018

Time Report Requested: 05:36:24

**NTP Study Number:**

A80598

**Study Duration:**

72 Hours

**Study Methodology:**

Slide Scoring

**Male Study Result:**

Negative

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Tissue: Bone marrow; Sex: Male; Number of Treatments: 3; Time interval between final treatment and cell sampling: 24 h

Dose (mg/kg)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control <sup>1</sup>	3	0.33 ± 0.17		5.20 ± 0.15
312.5	5	0.40 ± 0.10	0.4165	5.12 ± 0.34
625.0	5	0.50 ± 0.39	0.3128	4.42 ± 0.60
Trend p-Value		0.3040		
15.0 mg/kg Positive Control <sup>2</sup>	5	24.00 ± 2.47	< 0.001 *	1.18 ± 0.17
25.0 mg/kg Positive Control <sup>3</sup>	4	19.17 ± 2.37	< 0.001 *	0.70 ± 0.08

Trial Summary: Negative

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LEGEND

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MN = micronucleated, PCE = polychromatic erythrocyte, NCE = normochromatic erythrocyte

CAS Number = Chemical Abstracts Service registry number

N = Number of subjects

Values given as Mean or Mean  $\pm$  Standard Error Mean

Results were tabulated as the mean of the pooled results from all animals within a treatment group, plus or minus the standard error of the mean

Pairwise comparison to the concurrent control, dosed groups significant at  $p = 0.025/\text{number of treatment groups}$ ; positive control value is significant at  $p = 0.05$

Cochran-Armitage trend test, significant at  $p = 0.025$

\* Statistically significant pairwise or trend test

1: Vehicle Control: Corn Oil

2: 15.0 mg/kg Cyclophosphamide

3: 25.0 mg/kg Cyclophosphamide

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