

Experiment Number: 912603

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: 3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 09/19/2018

Time Report Requested: 21:20:12

**NTP Study Number:**

912603

**Study Duration:**

24 Hours

**Study Methodology:**

Slide Scoring

**Male Study Result:**

Positive

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Tissue: Bone marrow; Sex: Male; Number of Treatments: 3; Time interval between final treatment and cell sampling: 0 h

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Dose (%)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control <sup>1</sup>	5	2.10 ± 0.71		58.80 ± 1.68
500.0	5	15.10 ± 3.13	< 0.001 *	61.10 ± 2.48
1000.0	5	13.00 ± 2.20	< 0.001 *	57.60 ± 1.49
2000.0	5	35.80 ± 3.56	< 0.001 *	55.10 ± 2.64
Trend p-Value		< 0.001 *		
Positive Control <sup>2</sup>	5	4.00 ± 0.76	0.0074 *	60.40 ± 1.40

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Trial Summary: Positive

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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: Carboxymethylcellulose

2: 13.0 % Dimethylbenzanthracene

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