

Experiment Number: A29422

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/CD-1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: 3'-Azido-3'-deoxythymidine and 2',3'-Dideoxyinosine (AIDS initiative)

CAS Number: AZTDDICOMB

Date Report Requested: 09/20/2018

Time Report Requested: 08:24:05

**NTP Study Number:**

A29422

**Study Duration:**

8 Days

**Study Methodology:**

Slide Scoring

**Male Study Result:**

Positive

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**Tissue: Blood; Sex: Male; Number of Treatments: 0; Time interval between final treatment and cell sampling: 24 h**

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Dose (mg/kg)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control <sup>1</sup>	5	3.50 ± 1.01		31.50 ± 0.76
50.0	5	26.10 ± 5.06	< 0.001 *	15.50 ± 2.33
100.0	3	39.00 ± 8.01	< 0.001 *	15.17 ± 3.11
150.0	5	65.60 ± 16.07	< 0.001 *	15.80 ± 2.40
Trend p-Value		< 0.001 *		

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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: 0.2% Methylcellulose and 0.1% Tween 80 in water

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