

Experiment Number: A53298

Test Type: Genetic Toxicology - Micronucleus

Route: Dosed-Feed

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: 18:38:13

**NTP Study Number:**

A53298

**Study Duration:**

21 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	3.70 ± 0.82		23.80 ± 3.44
1.0	5	43.90 ± 6.39	< 0.001 *	22.10 ± 4.71
2.0	2	61.50 ± 23.00	< 0.001 *	28.00 ± 4.00
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: Maalox

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