

Experiment Number: **A97950**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Inhalation**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Phosphine**
CAS Number: **7803-51-2**

Date Report Requested: **09/21/2018**
Time Report Requested: **13:34:22**

NTP Study Number: A97950
Study Duration: 9 Days
Study Methodology: Slide Scoring
Male Study Result: Negative (Nonstandard Protocol)

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Tissue: Blood; Sex: Male; Number of Treatments: 9; Time interval between final treatment and cell sampling: 24 h

Dose (ppm)	MN PCE/1000			MN NCE/1000			% PCE
	N	Mean ± SEM	p-Value	N	Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control [†]	5	4.10 ± 0.75		5	9.00 ± 0.42		7.80 ± 0.82
1.25	5	4.40 ± 0.48	0.3722	5	6.30 ± 0.64	0.9858	7.70 ± 1.09
2.5	5	4.40 ± 0.68	0.3722	5	8.00 ± 1.57	0.7794	7.10 ± 0.89
5.0	5	2.60 ± 0.10	0.9668	5	6.40 ± 0.70	0.9823	6.40 ± 1.21
Trend p-Value		0.9720			0.9460		

Trial Summary: Negative (Nonstandard Protocol)

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LEGEND

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: Air

**** END OF REPORT ****