

Experiment Number: **G99050D**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Oral gavage**

Species/Strain: **Rat/F344/NTac**

**G04: In Vivo Micronucleus Summary Data**

Test Compound: **Ginkgo Biloba Extract (GBE4)**

CAS Number: **90045-36-6**

Date Report Requested: **11/19/2018**

Time Report Requested: **11:05:57**

**NTP Study Number:**

G99050D

**Study Duration:**

5 day

**Study Methodology:**

Flow cytometry

**Male Study Result:**

Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 5; Time interval between final treatment and cell sampling: 24 h

Dose (mg/kg/day)	N	MN PCE/1000		N	MN NCE/1000		% PCE	
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM	p-Value
Vehicle Control <sup>1</sup>	6	0.533 ± 0.031		6	0.155 ± 0.020		2.643 ± 0.261	
3	6	0.500 ± 0.041	0.8346	6	0.109 ± 0.029	0.9554	2.666 ± 0.153	0.8235
30	6	0.425 ± 0.053	0.8996	6	0.082 ± 0.013	0.9812	2.763 ± 0.356	0.9322
100	6	0.508 ± 0.052	0.9216	6	0.106 ± 0.020	0.9878	2.665 ± 0.183	0.9626
300	6	0.383 ± 0.054	0.9336	6	0.089 ± 0.017	0.9907	3.063 ± 0.302	0.4987
1000	6	0.467 ± 0.038	0.9390	6	0.089 ± 0.017	0.9923	2.813 ± 0.180	0.5099
Trend p-Value		0.7315			0.8729		0.4877	

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

Pairwise comparison with the control group; values are significant at  $P \leq 0.025$  by Williams or Dunn's test

Dose-related trend; significant at  $P \leq 0.025$  by linear regression or Jonckheere's test

\* Statistically significant pairwise or trend test

1: Vehicle Control: Corn Oil

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