

Experiment Number: F96846

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Tetrabromo-o-cresol

CAS Number: 576-55-6

Date Report Requested: 09/23/2018

Time Report Requested: 10:22:44

NTP Study Number:

F96846

Study Duration:

4 Days

Study Methodology:

Flow Cytometry

Male Study Result:

Negative

Experiment Number: F96846

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Tetrabromo-o-cresol

CAS Number: 576-55-6

Date Report Requested: 09/23/2018

Time Report Requested: 10:22:44

Tissue: Blood; Sex: Male; Number of Treatments: 4; Time interval between final treatment and cell sampling: 28 h

Dose (mg/kg)	N	MN PCE/1000		N	MN NCE/1000		% PCE	
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM	p-Value
Vehicle Control ¹	5	2.260 ± 0.151		5	1.543 ± 0.047		1.537 ± 0.037	
125.0	5	2.500 ± 0.389	0.3793	5	1.500 ± 0.049	0.8284	1.526 ± 0.130	1.0000
250.0	5	2.303 ± 0.146	0.4492	5	1.454 ± 0.013	0.8942	1.471 ± 0.075	1.0000
500.0	5	2.490 ± 0.444	0.3908	5	1.474 ± 0.023	0.9170	1.247 ± 0.174	0.7188
Trend p-Value		0.3490			0.9042		0.1576	
Positive Control ²	5	20.500 ± 0.709	0.0045 *	5	1.798 ± 0.021	< 0.001 *	0.464 ± 0.038	< 0.001 *

Trial Summary: Negative

Experiment Number: F96846

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Tetrabromo-o-cresol

CAS Number: 576-55-6

Date Report Requested: 09/23/2018

Time Report Requested: 10:22:44

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

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

2: 25.0 mg/kg Cyclophosphamide

**** END OF REPORT ****