Experiment Number: **A13539**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Rat/Fischer 344**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Cyclohexene oxide**
CAS Number: **286-20-4**

Date Report Requested: **09/20/2018**
Time Report Requested: **03:15:35**

NTP Study Number:	A13539
Study Duration:	72 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Negative

Experiment Number: **A13539**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Intraperitoneal Injection**

Species/Strain: **Rat/Fischer 344**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Cyclohexene oxide**

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Tissue: Bone marrow; Sex: Male; Number of Treatments: 3; Time interval between final treatment and cell sampling: 24 h

		MN PCE/1000		% PCE
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**
Vehicle Control[1]	5	0.80 ± 0.25		41.10 ± 2.79
19.5	5	1.70 ± 0.20	0.0358	38.30 ± 1.02
39.06	5	1.70 ± 0.64	0.0358	47.10 ± 3.33
78.13	5	1.50 ± 0.42	0.0721	38.90 ± 1.45
156.25	5	1.40 ± 0.24	0.1003	43.90 ± 2.37
312.5	4	1.13 ± 0.24	0.2403	34.63 ± 1.57
Trend p-Value		0.6380		
Positive Control[2]	5	13.70 ± 0.44	< 0.001 *	33.40 ± 2.34

Trial Summary: Negative

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 ± 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/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: Corn Oil
2: 10.0 mg/kg Cyclophosphamide

** END OF REPORT **