Experiment Number: **A00001**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Rat/Fischer 344**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Cyclophosphamide**
CAS Number: **50-18-0**

Date Report Requested: **09/19/2018**
Time Report Requested: **22:05:52**

NTP Study Number:	A00001
Study Duration:	72 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Positive

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Route: **Intraperitoneal Injection**

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

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Test Compound: **Cyclophosphamide**

CAS Number: **50-18-0**

Date Report Requested: **09/19/2018**

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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	0.90 ± 0.19		40.30 ± 4.00
0.74	5	0.50 ± 0.16	0.7670	41.30 ± 3.57
1.48	5	2.30 ± 0.41	0.0456	42.20 ± 1.21
2.95	5	5.20 ± 0.73	< 0.001 *	43.30 ± 2.57
5.9	5	12.90 ± 3.44	< 0.001 *	27.40 ± 1.72
11.8	5	34.30 ± 1.76	< 0.001 *	19.20 ± 2.02
Trend p-Value		< 0.001 *		

Trial Summary: Positive

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: Phosphate Buffered Saline

** END OF REPORT **