Experiment Number: **A96057**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Rat/Fischer 344**

G04: In Vivo Micronucleus Summary Data
Test Compound: **2-Butoxyethanol (ethylene glycol monobutyl ether)**
CAS Number: **111-76-2**

Date Report Requested: **09/21/2018**
Time Report Requested: **12:46:33**

NTP Study Number:	A96057
Study Duration:	72 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Negative

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Test Type: **Genetic Toxicology - Micronucleus**

Route: **Intraperitoneal Injection**

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

G04: In Vivo Micronucleus Summary Data

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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	1.90 ± 0.19		47.50 ± 3.12
7.03	5	1.60 ± 0.33	0.6941	45.50 ± 2.38
14.06	5	2.10 ± 0.76	0.3758	43.40 ± 2.61
28.12	5	2.20 ± 0.34	0.3195	41.20 ± 1.24
56.25	5	1.30 ± 0.25	0.8558	46.00 ± 2.59
112.5	5	1.70 ± 0.34	0.6307	49.40 ± 1.39
225.0	5	1.20 ± 0.20	0.8958	48.10 ± 2.48
450.0	3	2.17 ± 0.60	0.3574	51.50 ± 3.79
Trend p-Value		0.5700		
Positive Control[2]	5	21.00 ± 0.35	< 0.001 *	33.40 ± 3.41

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: Phosphate Buffered Saline
2: 7.5 mg/kg Cyclophosphamide

** END OF REPORT **