Experiment Number: **A53820**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Rat/Fischer 344**

G04: In Vivo Micronucleus Summary Data
Test Compound: **bis(2-Chloroethoxy)methane**
CAS Number: **111-91-1**

Date Report Requested: **09/20/2018**
Time Report Requested: **18:57:10**

NTP Study Number:	A53820
Study Duration:	3 Days
Study Methodology:	Slide Scoring
Male Study Result:	Negative

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Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

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

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Test Compound: **bis(2-Chloroethoxy)methane**

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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	0.60 ± 0.19		46.00 ± 1.76
16.25	5	1.00 ± 0.27	0.1586	46.80 ± 2.18
32.5	5	0.90 ± 0.24	0.2192	45.60 ± 3.04
65.0	5	0.70 ± 0.20	0.3907	42.20 ± 2.11
130.0	2	0.50 ± 0.00	0.5885	21.50 ± 5.50
Trend p-Value		0.6960		
15.0 mg/kg Positive Control[2]	5	14.80 ± 2.33	< 0.001 *	16.60 ± 2.29
25.0 mg/kg Positive Control[3]	3	12.33 ± 3.56	< 0.001 *	6.33 ± 2.19

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: 15.0 mg/kg Cyclophosphamide
3: 25.0 mg/kg Cyclophosphamide

** END OF REPORT **