Experiment Number: **A95722**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dermal**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Cyclophosphamide monohydrate**
CAS Number: **6055-19-2**

Date Report Requested: **09/21/2018**
Time Report Requested: **12:36:39**

NTP Study Number:	A95722
Study Duration:	24 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Positive
Female Study Result:	Positive

Experiment Number: **A95722**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dermal**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Cyclophosphamide monohydrate**
CAS Number: **6055-19-2**

Date Report Requested: **09/21/2018**
Time Report Requested: **12:36:39**

Tissue: Blood; Sex: Male; Number of Treatments: 1; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	13	1.31 ± 0.17	
10.0	15	1.27 ± 0.16	0.5537
30.0	12	1.13 ± 0.15	0.7206
90.0	13	2.23 ± 0.21	0.0061 *
Trend p-Value		0.0010 *	

Trial Summary: Positive

Experiment Number: **A95722**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dermal**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Cyclophosphamide monohydrate**
CAS Number: **6055-19-2**

Date Report Requested: **09/21/2018**
Time Report Requested: **12:36:39**

Tissue: Blood; Sex: Female; Number of Treatments: 1; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	11	0.50 ± 0.12	
10.0	10	1.00 ± 0.21	0.0298
30.0	12	1.13 ± 0.12	0.0099
90.0	11	1.59 ± 0.20	< 0.001 *
Trend p-Value		0.0010 *	

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: Ethanol

** END OF REPORT **