Experiment Number: **A16600**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Pyridine**
CAS Number: **110-86-1**

Date Report Requested: **09/20/2018**
Time Report Requested: **04:25:17**

NTP Study Number:	A16600
Study Duration:	72 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Negative

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Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
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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			MN NCE/1000			% PCE
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**
Vehicle Control[1]	5	1.60 ± 0.51		1	0.00 ± 0.00		37.20 ± 0.00
31.25	5	1.40 ± 0.29	0.6426	1	0.00 ± 0.00	< 0.001 *	49.10 ± 0.00
62.5	5	1.60 ± 0.43	0.5000	2	0.00 ± 0.00	0.5000	44.95 ± 2.15
125.0	5	1.10 ± 0.51	0.8322	3	0.00 ± 0.00	0.5000	46.30 ± 1.97
250.0	5	1.10 ± 0.37	0.8322	3	0.00 ± 0.00	0.5000	48.70 ± 0.62
500.0	5	1.20 ± 0.25	0.7753	3	0.00 ± 0.00	0.5000	45.63 ± 2.11
Trend p-Value		0.8110					
Positive Control[2]	5	11.50 ± 0.91	< 0.001 *	5	0.00 ± 0.00	0.5000	52.46 ± 1.71

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: 15.0 mg/kg Cyclophosphamide

** END OF REPORT **