Experiment Number: **A31463**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dosed-Water**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **beta-Picoline**
CAS Number: **108-99-6**

Date Report Requested: **09/20/2018**
Time Report Requested: **09:12:13**

NTP Study Number:	A31463
Study Duration:	90 Days
Study Methodology:	Slide Scoring
Male Study Result:	Negative
Female Study Result:	Negative

Experiment Number: **A31463**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Dosed-Water**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **beta-Picoline**

CAS Number: **108-99-6**

Date Report Requested: **09/20/2018**

Time Report Requested: **09:12:13**

Tissue: Blood; Sex: Male; Number of Treatments: 0; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (mg/L)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	5	2.50 ± 0.52	
78.0	5	2.20 ± 0.73	0.6693
156.0	5	2.10 ± 0.37	0.7226
312.0	5	2.60 ± 0.33	0.4442
625.0	5	2.90 ± 0.78	0.2929
1250.0	5	2.60 ± 0.58	0.4442
Trend p-Value		0.2450	

Trial Summary: Negative

Experiment Number: **A31463**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dosed-Water**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **beta-Picoline**
CAS Number: **108-99-6**

Date Report Requested: **09/20/2018**
Time Report Requested: **09:12:13**

Tissue: Blood; Sex: Female; Number of Treatments: 0; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (mg/L)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	5	2.60 ± 0.37	
78.0	5	1.90 ± 0.58	0.8519
156.0	5	2.00 ± 0.22	0.8121
312.0	5	1.30 ± 0.44	0.9814
625.0	5	2.10 ± 0.40	0.7674
1250.0	5	2.60 ± 0.24	0.5000
Trend p-Value		0.2110	

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: Water

** END OF REPORT **