Experiment Number: **A52780**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Riddelliine**
CAS Number: **23246-96-0**

Date Report Requested: **09/20/2018**
Time Report Requested: **18:22:32**

NTP Study Number:	A52780
Study Duration:	90 Days
Study Methodology:	Slide Scoring
Male Study Result:	Negative
Female Study Result:	Negative

Experiment Number: **A52780**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Riddelliine**

CAS Number: **23246-96-0**

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

Time Report Requested: **18:22:32**

Tissue: Blood; Sex: Male; Number of Treatments: 65; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	10	1.30 ± 0.10	
10.0	10	1.58 ± 0.13	0.0327
25.0	9	1.53 ± 0.09	0.0666
Trend p-Value		0.0860	

Trial Summary: Negative

Experiment Number: **A52780**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Riddelliine**

CAS Number: **23246-96-0**

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

Time Report Requested: **18:22:32**

Tissue: Blood; Sex: Male; Number of Treatments: 22; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	5	1.44 ± 0.08	
3.3	4	1.92 ± 0.28	0.0968
10.0	4	1.91 ± 0.19	0.1086
25.0	4	1.46 ± 0.30	0.4814
Trend p-Value		0.6490	

Trial Summary: Negative

Experiment Number: **A52780**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Riddelliine**
CAS Number: **23246-96-0**

Date Report Requested: **09/20/2018**
Time Report Requested: **18:22:32**

Tissue: Blood; Sex: Female; Number of Treatments: 65; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	8	1.13 ± 0.08	
10.0	10	1.13 ± 0.06	0.4894
25.0	10	1.26 ± 0.07	0.1789
Trend p-Value		0.1500	

Trial Summary: Negative

Experiment Number: **A52780**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Riddelliine**

CAS Number: **23246-96-0**

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

Time Report Requested: **18:22:32**

Tissue: Blood; Sex: Female; Number of Treatments: 22; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	4	1.69 ± 0.36	
3.3	5	1.15 ± 0.20	0.9463
10.0	5	1.03 ± 0.27	0.9772
25.0	4	1.44 ± 0.36	0.7489
Trend p-Value		0.5430	

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

** END OF REPORT **