

Experiment Number: A85363
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data
Test Compound: 3-Chloromethylpyridine hydrochloride
CAS Number: 6959-48-4

Date Report Requested: 09/21/2018
Time Report Requested: 07:48:19

NTP Study Number: A85363
Study Duration: 72 Hours
Study Methodology: Slide Scoring
Male Study Result: Negative

Experiment Number: A85363
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data
Test Compound: 3-Chloromethylpyridine hydrochloride
CAS Number: 6959-48-4

Date Report Requested: 09/21/2018
Time Report Requested: 07:48:19

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

MN PCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	8	1.70 ± 0.36	
75.0	8	1.10 ± 0.38	0.8476
150.0	8	2.06 ± 0.34	0.2929
300.0	8	2.19 ± 0.65	0.2351
Trend p-Value		0.1130	
Positive Control ²	5	13.32 ± 1.32	< 0.001 *

Trial Summary: Negative

Experiment Number: A85363
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data
Test Compound: 3-Chloromethylpyridine hydrochloride
CAS Number: 6959-48-4

Date Report Requested: 09/21/2018
Time Report Requested: 07:48:19

Tissue: Bone marrow; Sex: Male; Number of Treatments: 1; Time interval between final treatment and cell sampling: 48 h

MN PCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	8	2.55 ± 0.68	
75.0	8	3.04 ± 0.46	0.2745
150.0	8	1.59 ± 0.54	0.9120
300.0	8	1.10 ± 0.29	0.9852
Trend p-Value		0.9950	
Positive Control ²	5	27.02 ± 2.17	< 0.001 *

Trial Summary: Negative

Experiment Number: A85363
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data
Test Compound: 3-Chloromethylpyridine hydrochloride
CAS Number: 6959-48-4

Date Report Requested: 09/21/2018
Time Report Requested: 07:48:19

Tissue: Bone marrow; Sex: Male; Number of Treatments: 1; Time interval between final treatment and cell sampling: 72 h

MN PCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	7	2.37 ± 0.92	
75.0	8	2.07 ± 0.39	0.6506
150.0	8	1.83 ± 0.29	0.7680
300.0	7	2.89 ± 0.35	0.2704
Trend p-Value		0.2220	
Positive Control ²	3	5.20 ± 2.33	0.0101 *

Trial Summary: Negative

Experiment Number: A85363
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data
Test Compound: 3-Chloromethylpyridine hydrochloride
CAS Number: 6959-48-4

Date Report Requested: 09/21/2018
Time Report Requested: 07:48:19

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 \pm 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 $p = 0.025/\text{number of treatment groups}$; 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: Saline

2: 30.0 mg/kg Dimethylbenzanthracene

**** END OF REPORT ****