

Experiment Number: A91250

Test Type: Genetic Toxicology - Micronucleus

Route: Dosed-Water

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Sodium dichromate dihydrate (VI)

CAS Number: 7789-12-0

Date Report Requested: 09/21/2018

Time Report Requested: 10:07:12

NTP Study Number:

A91250

Study Duration:

13 Weeks

Study Methodology:

Slide Scoring

Male Study Result:

Equivocal

Experiment Number: A91250
Test Type: Genetic Toxicology - Micronucleus
Route: Dosed-Water
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data
Test Compound: Sodium dichromate dihydrate (VI)
CAS Number: 7789-12-0

Date Report Requested: 09/21/2018
Time Report Requested: 10:07:12

Tissue: Blood; Sex: Male; Number of Treatments: 65; 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	2.20 ± 0.58	
63.0	5	3.20 ± 0.41	0.0865
125.0	5	3.00 ± 0.16	0.1333
250.0	5	3.80 ± 0.37	0.0193
Trend p-Value		0.0310	

Trial Summary: Equivocal

Experiment Number: **A91250**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dosed-Water**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Sodium dichromate dihydrate (VI)**
CAS Number: **7789-12-0**

Date Report Requested: **09/21/2018**
Time Report Requested: **10:07:12**

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: Solvent

**** END OF REPORT ****