

Experiment Number: 217675

Test Type: **Genetic Toxicology - Bacterial  
Mutagenicity**

**G06: Ames Summary Data**

Test Compound: **2-Chloronitrobenzene**

CAS Number: **88-73-3**

Date Report Requested: **09/14/2018**

Time Report Requested: **21:01:22**

**NTP Study Number:**

217675

**Study Result:**

Positive

Experiment Number: 217675

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: 2-Chloronitrobenzene

CAS Number: 88-73-3

Date Report Requested: 09/14/2018

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## Strain: TA100

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control <sup>1</sup>	90 ± 5.6	142 ± 0.6	100 ± 2.4	104 ± 5.5
3.3	90 ± 3.5	122 ± 11.6	148 ± 12.7	
10.0	81 ± 8.0	121 ± 9.2	122 ± 3.5	105 ± 4.4
33.0	82 ± 1.2	153 ± 10.4	106 ± 1.3	142 ± 3.8
100.0	94 ± 4.2	115 ± 5.9	215 ± 5.0	293 ± 20.9
200.0	78 ± 3.0	105 ± 7.5	495 ± 19.7	567 ± 30.2
333.0				122 ± 20.1 <sup>s</sup>
Trial Summary	Negative	Negative	Positive	Positive
Positive Control <sup>2</sup>	440 ± 18.5			
Positive Control <sup>3</sup>			530 ± 3.9	1418 ± 66.2
Positive Control <sup>4</sup>		928 ± 39.9		

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Time Report Requested: 21:01:22

## Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Rat S9	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control <sup>1</sup>	13 ± 0.3	20 ± 1.8	18 ± 3.3	21 ± 2.6	27 ± 0.9
3.3	11 ± 0.7	20 ± 2.7		24 ± 1.9	
10.0	16 ± 1.2	19 ± 1.7	28 ± 2.6	24 ± 1.2	24 ± 1.3
33.0	17 ± 1.9	19 ± 3.0	26 ± 1.9	25 ± 2.7	31 ± 2.9
100.0	17 ± 3.2	25 ± 3.3	38 ± 3.6	39 ± 6.5	76 ± 6.4
200.0	17 ± 2.6	30 ± 0.9	41 ± 2.6	87 ± 1.7	101 ± 1.8
333.0			52 ± 3.7		50 ± 24.7 <sup>s</sup>
Trial Summary	Negative	Negative	Positive	Positive	Positive
Positive Control <sup>3</sup>		423 ± 13.4	409 ± 0.3	422 ± 15.1	791 ± 26.6
Positive Control <sup>5</sup>	336 ± 10.5				

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**LEGEND**

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Values given as Mean or Mean  $\pm$  Standard Error Mean

The number of samples = 3, unless samples marked toxic or contaminated were excluded from mean and SEM calculations

CAS Number = Chemical Abstracts Service registry number

1: Vehicle Control: Dimethyl Sulfoxide

2: 0.5 ug/Plate Sodium Azide

3: 1.0 ug/Plate 2-Aminoanthracene

4: 2.0 ug/Plate 2-Aminoanthracene

5: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine

s: Slight Toxicity

**\*\* END OF REPORT \*\***