

Experiment Number: 619172

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: p-Chloroaniline

CAS Number: 106-47-8

Date Report Requested: 09/15/2018

Time Report Requested: 07:47:52

NTP Study Number:

619172

Study Result:

Negative

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Strain: TA100

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	97 ± 6.8	121 ± 6.8	122 ± 11.6
10.0	104 ± 8.0	125 ± 5.1	165 ± 9.6
33.0	94 ± 5.0	143 ± 5.7	166 ± 13.9
100.0	107 ± 6.4	146 ± 4.2	157 ± 11.2
333.0	90 ± 4.7	143 ± 12.1	150 ± 9.5
1000.0	93 ± 4.5	135 ± 3.2	130 ± 13.9
3333.0			
10000.0			
21430.0			
Trial Summary	Negative	Negative	Negative
Positive Control ²		1057 ± 174.4	1818 ± 296.3
Positive Control ³	459 ± 23.9		

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Strain: TA1535

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	6 ± 0.9	6 ± 2.1	6 ± 3.0
10.0		2 ± 0.6	4 ± 0.7
33.0	5 ± 1.9	4 ± 0.3	5 ± 0.7
100.0	4 ± 1.2	2 ± 0.7	3 ± 0.7
333.0	5 ± 2.3	7 ± 1.3	4 ± 1.2
1000.0	6 ± 1.5	7 ± 2.6	3 ± 0.9
3333.0	1 ± 1.3		
10000.0			
21430.0			
Trial Summary	Negative	Negative	Negative
Positive Control ²		38 ± 2.1	30 ± 3.7
Positive Control ³	212 ± 33.8		

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Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	5 ± 0.7	2 ± 1.2	6 ± 0.0	6 ± 1.2
10.0			10 ± 2.0	6 ± 0.6
33.0		3 ± 0.9	8 ± 0.9	7 ± 0.7
100.0		2 ± 0.3	9 ± 0.9	6 ± 0.7
333.0	6 ± 0.9	3 ± 1.3	10 ± 1.5	3 ± 1.9
1000.0	3 ± 0.7	2 ± 0.3	5 ± 1.5	4 ± 1.7
3333.0	2 ± 1.2	Toxic		
10000.0	Toxic			
21430.0	Toxic			
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ²			109 ± 2.3	107 ± 1.8
Positive Control ⁴	794 ± 162.2	398 ± 32.0		

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Strain: TA98

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	15 ± 2.3	22 ± 1.2	19 ± 0.6
10.0	14 ± 3.2		25 ± 2.9
33.0	8 ± 1.2	23 ± 2.6	21 ± 3.0
100.0	13 ± 1.2	25 ± 2.0	25 ± 3.8
333.0	13 ± 2.4	30 ± 2.2	21 ± 3.5
1000.0	10 ± 1.7	24 ± 0.9	17 ± 3.6
3333.0		8 ± 5.8	
10000.0			
21430.0			
Trial Summary	Negative	Negative	Negative
Positive Control ²		626 ± 139.2	984 ± 100.2
Positive Control ⁵	278 ± 25.4		

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LEGEND

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: 1.0 ug/Plate 2-Aminoanthracene
- 3: 3.3 ug/Plate Sodium Azide
- 4: 33.0 ug/Plate 9-Aminoacridine
- 5: 3.3 ug/Plate 4-Nitro-O-Phenylenediamine

** END OF REPORT **