

Experiment Number: 729677

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: 5-Chloro-o-toluidine

CAS Number: 95-79-4

Date Report Requested: 09/12/2018

Time Report Requested: 19:59:27

NTP Study Number:

729677

Study Result:

Negative

Experiment Number: 729677

Test Type: Genetic Toxicology - Bacterial Mutagenicity

G06: Ames Summary Data

Test Compound: 5-Chloro-o-toluidine

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Strain: TA100

Dose (ug/Plate)	With 10% Mouse S9	With 10% Mouse S9
Vehicle Control ¹	92 ± 5.7	93 ± 5.7
10.0	103 ± 2.5	
33.0	98 ± 8.2	
100.0	109 ± 1.9	
125.0		114 ± 10.4
250.0		114 ± 7.2
333.0	132 ± 2.4	
500.0		80 ± 2.9
666.0	85 ± 42.9	
750.0		95 ± 12.0
1000.0		92 ± 4.4
1500.0		119 ± 8.7 ^s
Trial Summary	Equivocal	Negative
Positive Control ²	582 ± 28.1	238 ± 7.4

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Strain: TA1535

Dose (ug/Plate)	With 10% Mouse S9	With 10% Mouse S9
Vehicle Control ¹	8 ± 1.5	12 ± 3.3
10.0	8 ± 0.7	
33.0	7 ± 2.0	
100.0	7 ± 2.0	
125.0		10 ± 2.1
250.0		9 ± 2.0
333.0	7 ± 0.6	
500.0		12 ± 1.9
666.0	7 ± 0.3	
750.0		9 ± 3.4
1000.0		7 ± 0.9
1500.0		4 ± 0.3 ^s
Trial Summary	Negative	Negative
Positive Control ²	45 ± 3.2	39 ± 4.1

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Test Compound: 5-Chloro-o-toluidine

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Strain: TA97

Dose (ug/Plate)	With 10% Mouse S9	With 10% Mouse S9
Vehicle Control ¹	95 ± 3.8	98 ± 0.7
10.0	93 ± 8.7	
33.0	92 ± 3.2	
100.0	99 ± 4.4	
125.0		83 ± 10.7
250.0		81 ± 2.4
333.0	102 ± 5.7	
500.0		75 ± 7.6
666.0	89 ± 9.0	
750.0		80 ± 0.6
1000.0		58 ± 5.7
1500.0		36 ± 3.8 ^s
Trial Summary	Negative	Negative
Positive Control ²	273 ± 13.8	180 ± 5.8

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Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: 5-Chloro-o-toluidine

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Strain: TA98

Dose (ug/Plate)	With 10% Mouse S9	With 10% Mouse S9
Vehicle Control ¹	15 ± 2.2	14 ± 2.6
10.0	14 ± 0.3	
33.0	15 ± 0.6	
100.0	19 ± 2.0	
125.0		14 ± 1.5
250.0		13 ± 2.7
333.0	17 ± 3.7	
500.0		12 ± 2.4
666.0	26 ± 1.3	
750.0		9 ± 3.0
1000.0		9 ± 0.9
1500.0		5 ± 0.6 ^s
Trial Summary	Negative	Negative
Positive Control ²	349 ± 7.5	184 ± 3.1

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Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: 5-Chloro-o-toluidine

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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

s: Slight Toxicity

**** END OF REPORT ****