

Experiment Number: 749708

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: 2,2'-Methylene-bis (4-chlorophenol)

CAS Number: 97-23-4

Date Report Requested: 09/17/2018

Time Report Requested: 10:52:31

NTP Study Number:

749708

Study Result:

Weakly Positive

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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 ¹	109 ± 2.8	138 ± 4.3	132 ± 8.1	148 ± 10.4
0.1	119 ± 7.9			
0.3	108 ± 7.2			
1.0	105 ± 1.7	130 ± 3.8		
3.0	116 ± 3.3	156 ± 5.1	119 ± 7.6	
10.0	81 ± 2.8	128 ± 10.3	129 ± 3.8	129 ± 4.8
16.0				131 ± 10.5
33.0		122 ± 2.7	158 ± 13.0	140 ± 4.2
66.0				153 ± 5.8
100.0		136 ± 8.7	176 ± 10.1	175 ± 12.9
166.0			237 ± 21.7	237 ± 0.9
Trial Summary	Negative	Negative	Weakly Positive	Weakly Positive
Positive Control ²			578 ± 21.2	692 ± 62.8
Positive Control ³		474 ± 14.7		
Positive Control ⁴	583 ± 39.3			

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Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	12 ± 1.8
10.0	12 ± 1.7
16.0	10 ± 0.6
33.0	11 ± 2.3
66.0	9 ± 2.3
100.0	8 ± 1.5
166.0	10 ± 2.9
Trial Summary	Negative
Positive Control ³	117 ± 12.0

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Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	15 ± 1.2	20 ± 5.5	24 ± 3.4
0.1	19 ± 3.0		
0.3	18 ± 1.5		
1.0	15 ± 1.2	20 ± 2.3	
3.0	20 ± 2.4	20 ± 3.2	22 ± 2.1
10.0	16 ± 0.7	15 ± 0.0	19 ± 1.5
33.0		19 ± 3.2	17 ± 1.2
100.0		22 ± 4.4	22 ± 2.7
166.0			24 ± 1.5
Trial Summary	Negative	Negative	Negative
Positive Control ²		121 ± 11.4	430 ± 0.3
Positive Control ⁵	474 ± 17.3		

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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: 2.5 ug/Plate 2-Aminoanthracene

4: 5.0 ug/Plate Sodium Azide

5: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine

**** END OF REPORT ****