

Experiment Number: 510273

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

G06: Ames Summary Data

Test Compound: **Chloroneb**

CAS Number: **2675-77-6**

Date Report Requested: **09/12/2018**

Time Report Requested: **11:05:47**

NTP Study Number:

510273

Study Result:

Positive

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Test Compound: Chloroneb

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Date Report Requested: 09/12/2018

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Strain: TA100

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 5% Hamster S9	With 10% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	88 ± 4.5	81 ± 2.3	83 ± 1.9	88 ± 3.2	97 ± 8.5
3.3					
10.0	81 ± 0.7	89 ± 4.6			106 ± 7.4
33.0	74 ± 5.8 ^s	102 ± 10.5	101 ± 3.5	104 ± 1.8	127 ± 4.3
100.0	69 ± 3.8 ^s	106 ± 11.5	78 ± 3.0 ^s	91 ± 3.2 ^s	163 ± 13.7
200.0			80 ± 2.0 ^s	86 ± 1.7 ^s	
333.0	57 ± 5.6 ^s	97 ± 15.1	70 ± 4.2 ^s	82 ± 2.3 ^s	160 ± 12.0 ^s
500.0			58 ± 4.6 ^s	93 ± 11.1 ^s	
667.0	6 ± 6.3 ^s	98 ± 3.8 ^s			136 ± 8.3 ^s
Trial Summary	Negative	Negative	Negative	Negative	Weakly Positive
Positive Control ²			1739 ± 87.4	572 ± 45.4	
Positive Control ³	356 ± 25.4				
Positive Control ⁴					339 ± 17.4
Positive Control ⁵		285 ± 6.2			

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Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	98 ± 1.8	89 ± 2.3
3.3		98 ± 5.5
10.0		107 ± 4.3
33.0	158 ± 0.3	166 ± 10.8
100.0	254 ± 16.9 ^s	242 ± 14.1
200.0	215 ± 9.0 ^s	259 ± 8.2
333.0	134 ± 3.2 ^s	
500.0	101 ± 20.5 ^s	
667.0		
Trial Summary	Positive	Positive
Positive Control ²		
Positive Control ³		
Positive Control ⁴	665 ± 15.5	465 ± 13.3
Positive Control ⁵		

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Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 5% Hamster S9	With 10% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	16 ± 2.4	29 ± 2.7	26 ± 2.4	23 ± 0.9	32 ± 4.6
3.3					
10.0	18 ± 0.9	29 ± 5.4			32 ± 1.5
33.0	16 ± 3.2	31 ± 3.4	20 ± 2.0	31 ± 2.1	30 ± 2.3
100.0	10 ± 0.7 ^s	29 ± 5.5	19 ± 2.1 ^s	25 ± 1.8 ^s	37 ± 5.2
200.0			21 ± 3.5 ^s	24 ± 5.3 ^s	
333.0	8 ± 1.7 ^s	25 ± 3.4	16 ± 1.2 ^s	17 ± 2.5 ^s	51 ± 3.2
500.0			18 ± 3.2 ^s	17 ± 1.5 ^s	
667.0	5 ± 2.4 ^s	21 ± 2.9			35 ± 6.1
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ⁶			261 ± 26.4	169 ± 9.6	
Positive Control ²					105 ± 6.1
Positive Control ⁴		84 ± 6.1			
Positive Control ⁷	190 ± 5.9				

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Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	26 ± 3.0	27 ± 3.2
3.3		26 ± 0.9
10.0		30 ± 0.9
33.0	44 ± 2.3	33 ± 2.9
100.0	56 ± 4.7	37 ± 2.5
200.0	46 ± 5.2 ^s	41 ± 3.9
333.0	38 ± 6.3 ^s	
500.0	40 ± 2.3 ^s	
667.0		
Trial Summary	Weakly Positive	Negative
Positive Control ⁶		
Positive Control ²	233 ± 21.9	114 ± 5.9
Positive Control ⁴		
Positive Control ⁷		

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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: Acetone

2: 0.4 ug/Plate 2-Aminoanthracene

3: 0.5 ug/Plate Sodium Azide

4: 1.0 ug/Plate 2-Aminoanthracene

5: 2.0 ug/Plate 2-Aminoanthracene

6: 0.2 ug/Plate 2-Aminoanthracene

7: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine

s: Slight Toxicity

** END OF REPORT **