

Experiment Number: A15349

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

G06: Ames Summary Data

Test Compound: **Bromoacetic acid**

CAS Number: **79-08-3**

Date Report Requested: **09/16/2018**

Time Report Requested: **01:38:20**

NTP Study Number:

A15349

Study Result:

Positive

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Mutagenicity**G06: Ames Summary Data**

Test Compound: Bromoacetic acid

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Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 30% Rat S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	154 ± 9.0	120 ± 5.1	158 ± 5.5	112 ± 3.5	151 ± 2.7
3.0	164 ± 3.3				
10.0	149 ± 1.3	120 ± 4.2	161 ± 3.1		154 ± 6.5
33.0	172 ± 2.4	115 ± 6.5	152 ± 4.3	108 ± 8.6	157 ± 5.8
66.0		118 ± 1.9		151 ± 3.6	
100.0	193 ± 3.5	117 ± 7.1	220 ± 22.9	188 ± 6.4	193 ± 6.4
166.0		110 ± 2.9		268 ± 6.1	
333.0	117 ± 5.2		249 ± 24.1	264 ± 20.9	366 ± 22.7
666.0			114 ± 5.0 ^s		137 ± 34.6 ^s
Trial Summary	Equivocal	Negative	Weakly Positive	Positive	Positive
Positive Control ²					456 ± 18.4
Positive Control ³			460 ± 11.7	492 ± 8.0	
Positive Control ⁴	908 ± 23.4	888 ± 23.3			

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Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	117 ± 3.2
3.0	
10.0	
33.0	131 ± 3.9
66.0	137 ± 9.9
100.0	157 ± 10.4
166.0	192 ± 8.0
333.0	251 ± 23.5
666.0	
Trial Summary	Positive
Positive Control ²	543 ± 11.6
Positive Control ³	
Positive Control ⁴	

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Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	17 ± 2.2	19 ± 1.2	19 ± 2.4
3.0	14 ± 1.2		
10.0	15 ± 2.7	19 ± 0.3	22 ± 3.2
33.0	17 ± 1.7	18 ± 2.1	23 ± 2.0
100.0	12 ± 1.2	18 ± 2.2	17 ± 1.8
333.0	8 ± 2.8 ^s	17 ± 4.7	18 ± 4.6
666.0		9 ± 0.6 ^s	9 ± 1.5 ^s
Trial Summary	Negative	Negative	Negative
Positive Control ²			445 ± 24.3
Positive Control ⁵	380 ± 9.9		
Positive Control ³		384 ± 15.3	

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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: Water

2: 2.0 ug/Plate 2-Aminoanthracene

3: 5.0 ug/Plate 2-Aminoanthracene

4: 5.0 ug/Plate Sodium Azide

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

s: Slight Toxicity

**** END OF REPORT ****