

Experiment Number: A77953

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Tribromoacetic acid

CAS Number: 75-96-7

Date Report Requested: 09/17/2018

Time Report Requested: 23:21:08

NTP Study Number:

A77953

Study Result:

Positive

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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	121 ± 5.2	121 ± 4.8	146 ± 3.4	149 ± 5.5	123 ± 7.0
33.0				151 ± 3.8	
100.0	127 ± 1.5		181 ± 7.2	173 ± 2.3	159 ± 4.4
333.0	116 ± 6.6	124 ± 11.6	189 ± 3.0	178 ± 5.6	182 ± 11.8
1000.0	114 ± 8.8	134 ± 14.8	254 ± 18.2	215 ± 16.8	206 ± 4.4
3333.0	119 ± 5.9	137 ± 10.5	362 ± 28.6	282 ± 10.0	280 ± 9.2
6666.0		142 ± 3.0			
10000.0	169 ± 9.6	170 ± 3.2	189 ± 10.9 ^p		151 ± 6.8 ^p
Trial Summary	Equivocal	Equivocal	Positive	Weakly Positive	Positive
Positive Control ²					1250 ± 62.8
Positive Control ³	1187 ± 15.9	1352 ± 27.4			
Positive Control ⁴			838 ± 37.4	673 ± 38.4	

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Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	154 ± 7.5
33.0	157 ± 3.5
100.0	166 ± 3.0
333.0	204 ± 11.1
1000.0	244 ± 18.6
3333.0	288 ± 8.4
6666.0	
10000.0	
Trial Summary	Weakly Positive
Positive Control ²	763 ± 25.2
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	20 ± 4.5	24 ± 2.0	30 ± 0.9
100.0	20 ± 0.7	22 ± 1.8	21 ± 1.5
333.0	23 ± 3.2	24 ± 2.9	24 ± 2.9
1000.0	15 ± 2.9	24 ± 3.8	24 ± 4.7
3333.0	20 ± 0.7	24 ± 3.0	26 ± 2.3
10000.0	18 ± 3.8	18 ± 4.1 ^P	25 ± 2.3 ^P
Trial Summary	Negative	Negative	Negative
Positive Control ²			904 ± 33.8
Positive Control ⁵	422 ± 9.0		
Positive Control ⁴		513 ± 31.9	

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G06: Ames Summary Data

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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 Sodium Azide

4: 5.0 ug/Plate 2-Aminoanthracene

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

p: Precipitate

**** END OF REPORT ****