

Experiment Number: 367919

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

G06: Ames Summary Data

Test Compound: **Iodoform**

CAS Number: **75-47-8**

Date Report Requested: **09/13/2018**

Time Report Requested: **21:11:32**

NTP Study Number:

367919

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	151 ± 6.4	127 ± 17.2	174 ± 10.1	127 ± 9.1	162 ± 5.2
10.0	155 ± 10.3	150 ± 4.6			
33.0	137 ± 5.3	176 ± 4.1	188 ± 3.5	140 ± 5.1	176 ± 21.1
66.0		188 ± 1.7			
100.0	201 ± 5.9	202 ± 8.8	175 ± 5.6	155 ± 9.8	193 ± 7.5
166.0					167 ± 8.8
333.0	211 ± 30.8	28 ± 1.5	226 ± 21.0	206 ± 1.5	230 ± 8.7
666.0	Toxic			233 ± 6.2	284 ± 13.5
1000.0			342 ± 15.9	177 ± 27.5	
1666.0			Toxic		
Trial Summary	Equivocal	Weakly Positive	Positive	Weakly Positive	Weakly Positive
Positive Control ²					600 ± 6.9
Positive Control ³	286 ± 14.6	471 ± 10.0			
Positive Control ⁴			430 ± 20.2		
Positive Control ⁵				577 ± 5.6	

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Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	113 ± 13.4
10.0	
33.0	154 ± 14.7
66.0	189 ± 21.9
100.0	195 ± 29.8
166.0	
333.0	265 ± 16.7
666.0	304 ± 27.8
1000.0	
1666.0	
Trial Summary	Positive
Positive Control ²	877 ± 36.2
Positive Control ³	
Positive Control ⁴	
Positive Control ⁵	

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 30% Rat S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	23 ± 2.4	21 ± 2.6	49 ± 4.0	32 ± 4.7	40 ± 3.3
10.0	28 ± 1.9	38 ± 3.2			
33.0	54 ± 4.4	54 ± 5.2	42 ± 3.7	37 ± 5.8	44 ± 2.6
100.0	100 ± 5.5	113 ± 6.3	48 ± 3.9	35 ± 4.6	53 ± 4.6
166.0		153 ± 3.9			39 ± 1.3
333.0	169 ± 5.0	179 ± 21.2	98 ± 2.0	106 ± 35.0	51 ± 1.5
666.0	0 ± 0.0		267 ± 4.2	234 ± 23.4	206 ± 20.7
1000.0			319 ± 0.3	234 ± 21.4	
Trial Summary	Positive	Positive	Positive	Positive	Equivocal
Positive Control ²			127 ± 0.9	96 ± 6.7	278 ± 14.5
Positive Control ⁶	602 ± 12.0	705 ± 39.2			

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Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	30 ± 3.5
10.0	
33.0	32 ± 3.5
100.0	37 ± 3.7
166.0	
333.0	130 ± 7.4
666.0	279 ± 27.5
1000.0	3 ± 1.7
Trial Summary	Positive
Positive Control ²	513 ± 35.9
Positive Control ⁶	

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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: 1.0 ug/Plate Sodium Azide

4: 2.0 ug/Plate 2-Aminoanthracene

5: 2.5 ug/Plate 2-Aminoanthracene

6: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine

**** END OF REPORT ****