

Experiment Number: 120719

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Aflatoxin derivative (T1E-82107)

CAS Number: EMTDP-22

Date Report Requested: 09/12/2018

Time Report Requested: 01:44:24

NTP Study Number:

120719

Study Result:

Negative

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Strain: TA100

Dose (ug/Plate)	With 10% Rat S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹		159 ± 6.9	99 ± 3.7
0.0		152 ± 10.0	
0.001		131 ± 6.7	134 ± 3.5
	0.002		144 ± 2.9
	0.003		137 ± 6.4
	0.006		137 ± 4.7
	0.01		130 ± 6.4
	0.018		141 ± 7.8
	0.032		131 ± 3.3
	0.056	128 ± 1.7	
	0.1	146 ± 4.2	
	10.0		
102 ± 11.3	33.0		
99 ± 7.1	100.0		
105 ± 10.8	333.0		
101 ± 0.7	500.0		
103 ± 7.0			
Trial Summary	Negative	Negative	Negative
Positive Control ²	1164 ± 37.7	1164 ± 37.7	469 ± 23.7

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Strain: TA98

Dose (ug/Plate)	With 10% Rat S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	28 ± 1.3		27 ± 2.4
0.001	38 ± 1.2	30 ± 3.8	
	0.002	31 ± 1.2	
	0.003	35 ± 3.2	
	0.006	32 ± 2.1	
	0.01	39 ± 6.2	
	0.018	32 ± 5.4	
	0.032	40 ± 9.0	
	0.056		35 ± 2.0
	0.1		37 ± 2.4
	10.0		
36 ± 0.7	33.0		
29 ± 3.4	100.0		
29 ± 4.3	333.0		
33 ± 2.8	500.0		
40 ± 2.2			
Trial Summary	Negative	Negative	Negative
Positive Control ²	823 ± 33.7	823 ± 33.7	466 ± 20.1

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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: 1.5 ug/Plate 2-Aminoanthracene

**** END OF REPORT ****