

Experiment Number: 321357

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

G06: Ames Summary Data

Test Compound: **Aflatoxin derivative (T1D-82107)**

CAS Number: **EMTDP-15**

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

Time Report Requested: **10:07:53**

NTP Study Number:

321357

Study Result:

Equivocal

Experiment Number: 321357

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Mutagenicity

G06: Ames Summary Data

Test Compound: Aflatoxin derivative (T1D-82107)

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Strain: TA100

Dose (ug/Plate)	With 10% Rat S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹		100 ± 41.6	85 ± 3.5
0.0		182 ± 6.7	
0.001		142 ± 11.3	144 ± 5.7
	0.002		141 ± 6.4
	0.003		160 ± 7.7
	0.006		123 ± 13.4
	0.01		131 ± 6.7
	0.018		138 ± 8.6
	0.032		130 ± 13.2
	0.056	153 ± 8.1	
	0.1	137 ± 1.0	
	10.0		
90 ± 5.0	33.0		
96 ± 3.2	100.0		
92 ± 7.6	333.0		
116 ± 3.5 ^s	500.0		
108 ± 13.5 ^s			
Trial Summary	Negative	Equivocal	Equivocal
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	35 ± 3.4		34 ± 6.0
0.001	32 ± 2.9	32 ± 3.0	
	0.002	38 ± 3.9	
	0.003	36 ± 2.7	
	0.006	31 ± 2.2	
	0.01	31 ± 6.0	
	0.018	30 ± 3.5	
	0.032	30 ± 1.2	
	0.056		33 ± 0.9
	0.1		42 ± 4.1
	10.0		
39 ± 4.1	33.0		
37 ± 2.1	100.0		
34 ± 3.8	333.0		
36 ± 3.1	500.0		
39 ± 2.0			
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

s: Slight Toxicity

**** END OF REPORT ****