

Experiment Number: 262157

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

G06: Ames Summary Data

Test Compound: **Aflatoxin derivative (P-1-Me-82107)**

CAS Number: **EMTDP-14**

Date Report Requested: **09/11/2018**

Time Report Requested: **07:59:10**

NTP Study Number:

262157

Study Result:

Negative

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Mutagenicity

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Test Compound: Aflatoxin derivative (P-1-Me-82107)

CAS Number: EMTDP-14

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Strain: TA100

Dose (ug/Plate)	With 10% Rat S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹		162 ± 11.7	105 ± 7.7
0.0		136 ± 5.5	
0.001		151 ± 8.5	144 ± 6.0
	0.002		141 ± 4.0
	0.003		139 ± 20.3
	0.006		150 ± 16.2
	0.01		150 ± 17.1
	0.018		173 ± 7.5
	0.032		160 ± 17.3
	0.056	156 ± 2.9	
	0.1	145 ± 3.1	
	1.0		
83 ± 2.8	3.3		
102 ± 11.0	10.0		
118 ± 6.1	33.0		
104 ± 14.5	50.0		
106 ± 12.1			
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	33 ± 3.0		33 ± 1.5
0.001	38 ± 2.3	28 ± 0.7	
	0.002	34 ± 1.9	
	0.003	31 ± 3.7	
	0.006	36 ± 0.6	
	0.01	33 ± 2.0	
	0.018	33 ± 4.6	
	0.032	33 ± 2.2	
	0.056		38 ± 4.3
	0.1		33 ± 3.8
	1.0		
33 ± 0.7	3.3		
27 ± 3.8	10.0		
34 ± 2.6	33.0		
33 ± 2.0	50.0		
34 ± 3.8			
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 ****