

Experiment Number: 248723

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: 2-Amino-6-ethoxybenzothiazole

CAS Number: 94-45-1

Date Report Requested: 09/11/2018

Time Report Requested: 01:32:11

NTP Study Number:

248723

Study Result:

Positive

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Strain: TA100

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Rat S9	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	128 ± 10.0	171 ± 4.5	117 ± 3.0	160 ± 6.1	134 ± 13.2
1.0		181 ± 3.9	155 ± 14.9		
3.0		193 ± 6.7	154 ± 9.0		
6.0		579 ± 12.2	228 ± 22.8	218 ± 26.5	169 ± 8.6
10.0	102 ± 7.2	919 ± 15.9	517 ± 19.6	317 ± 15.8	238 ± 21.7
16.0		946 ± 31.9	764 ± 27.8	471 ± 29.9	371 ± 23.7
33.0	112 ± 13.7			1061 ± 107.0	870 ± 46.4
66.0				2015 ± 98.0	1576 ± 142.5
100.0	127 ± 6.4				
333.0	108 ± 7.2				
666.0	51 ± 4.5 ^s				
Trial Summary	Negative	Positive	Positive	Positive	Positive
Positive Control ²	528 ± 5.2				
Positive Control ³				627 ± 6.1	651 ± 26.5
Positive Control ⁴		457 ± 28.5	573 ± 23.8		

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Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Rat S9	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	26 ± 5.7	32 ± 5.8	44 ± 3.3	32 ± 5.6	43 ± 6.9
0.3			60 ± 10.3		49 ± 3.2
1.0		69 ± 5.6	114 ± 6.5		76 ± 6.6
2.0			255 ± 21.6		106 ± 12.8
3.0		231 ± 2.6	631 ± 7.4		193 ± 28.4
4.0			941 ± 37.4		242 ± 16.3
6.0		1073 ± 2.8		368 ± 29.2	
10.0	24 ± 2.4	1400 ± 43.7		554 ± 28.8	
16.0		1984 ± 89.2		1097 ± 52.1	
33.0	23 ± 2.0			2330 ± 49.4	
66.0				2823 ± 56.0	
100.0	20 ± 3.2				
333.0	26 ± 3.2				
666.0	27 ± 3.5 ^s				
Trial Summary	Negative	Positive	Positive	Positive	Positive
Positive Control ³		114 ± 13.0	131 ± 7.7	286 ± 11.4	312 ± 22.5
Positive Control ⁵	603 ± 42.7				

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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 Sodium Azide

3: 1.0 ug/Plate 2-Aminoanthracene

4: 2.0 ug/Plate 2-Aminoanthracene

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

s: Slight Toxicity

**** END OF REPORT ****