

Experiment Number: **A92510**
Test Type: **Genetic Toxicology - Bacterial Mutagenicity**

G06: Ames Summary Data
Test Compound: **Allyl bromide**
CAS Number: **106-95-6**

Date Report Requested: **09/15/2018**
Time Report Requested: **12:26:07**

NTP Study Number: A92510
Study Result: Positive

Experiment Number: A92510

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

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Test Compound: Allyl bromide

CAS Number: 106-95-6

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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	117 ± 3.8	123 ± 8.1	111 ± 3.9	135 ± 8.5	114 ± 5.5
3.0			118 ± 0.9	139 ± 8.9	133 ± 8.4
10.0	115 ± 0.9	126 ± 5.6	122 ± 1.8	150 ± 5.9	162 ± 3.9
33.0	138 ± 4.1	136 ± 3.6	150 ± 7.6	166 ± 5.5	182 ± 11.3
100.0	183 ± 3.1	171 ± 9.4	169 ± 3.8	187 ± 4.7	200 ± 10.0
333.0	411 ± 23.4	388 ± 7.3	228 ± 15.0	227 ± 8.6	192 ± 3.4
666.0		352 ± 13.8			
1000.0	109 ± 5.2 ^s				
Trial Summary	Positive	Positive	Weakly Positive	Weakly Positive	Weakly Positive
Positive Control ²					543 ± 11.6
Positive Control ³	888 ± 23.3	872 ± 16.0			
Positive Control ⁴			492 ± 8.0	470 ± 17.9	

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Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	119 ± 3.2
3.0	126 ± 3.3
10.0	143 ± 7.1
33.0	165 ± 4.0
100.0	186 ± 6.1
333.0	214 ± 7.5
666.0	
1000.0	
Trial Summary	Weakly Positive
Positive Control ²	508 ± 7.8
Positive Control ³	
Positive Control ⁴	

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Test Compound: Allyl bromide

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Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	13 ± 2.3	22 ± 1.7	17 ± 1.0
3.0		15 ± 1.9	19 ± 2.9
10.0	11 ± 0.6	18 ± 1.8	16 ± 1.3
33.0	12 ± 2.0	21 ± 3.7	18 ± 4.2
100.0	9 ± 0.9	13 ± 1.9	21 ± 2.6
333.0	10 ± 0.3	19 ± 0.9	18 ± 0.7
1000.0	5 ± 0.3 ^s		
Trial Summary	Negative	Negative	Negative
Positive Control ²			440 ± 15.4
Positive Control ⁵	334 ± 22.1		
Positive Control ⁴		329 ± 14.0	

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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: 2.0 ug/Plate 2-Aminoanthracene
- 3: 5.0 ug/Plate Sodium Azide
- 4: 5.0 ug/Plate 2-Aminoanthracene
- 5: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine
- s: Slight Toxicity

**** END OF REPORT ****