

Experiment Number: A70312

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

G06: Ames Summary Data

Test Compound: **Propargyl alcohol**

CAS Number: **107-19-7**

Date Report Requested: **09/17/2018**

Time Report Requested: **18:15:34**

NTP Study Number:

A70312

Study Result:

Positive

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G06: Ames Summary Data

Date Report Requested: 09/17/2018

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Mutagenicity

Test Compound: Propargyl alcohol

Time Report Requested: 18:15:34

CAS Number: 107-19-7

Strain: TA100

| Dose (ug/Plate) | Without S9 | Without S9 | Without S9 | With 30% Rat S9 | With 30% Hamster S9 |
|-------------------------------|------------------------|------------|------------------------|-----------------|---------------------|
| Vehicle Control ¹ | 102 ± 1.5 | 126 ± 12.3 | 117 ± 8.4 | 126 ± 7.5 | 129 ± 11.9 |
| 0.0 | 0 ± 0.0 | 0 ± 0.0 | 0 ± 0.0 | 0 ± 0.0 | 0 ± 0.0 |
| | | 3.0 | | | |
| 128 ± 8.4 | 131 ± 1.5 | 10.0 | | | |
| 114 ± 8.5 | 138 ± 16.0 | 33.0 | | | |
| 120 ± 9.5 | 132 ± 2.3 | 100.0 | 108 ± 10.4 | | |
| 114 ± 1.2 | 122 ± 8.6 | 333.0 | 117 ± 3.0 | 142 ± 1.7 | 132 ± 6.5 |
| 136 ± 7.5 | 104 ± 6.6 | 666.0 | | | 143 ± 5.6 |
| | | 1000.0 | 143 ± 3.4 | 146 ± 13.8 | 153 ± 10.6 |
| 0 ± 0.0 ^x | 51 ± 14.1 ^s | 1666.0 | | 181 ± 11.6 | 181 ± 4.4 |
| | | 3333.0 | 228 ± 7.4 | 239 ± 3.1 | 226 ± 11.9 |
| | | 6666.0 | | 168 ± 11.6 | |
| | | 10000.0 | 75 ± 13.4 ^s | | |
| Trial Summary | Positive | Positive | Positive | Negative | Negative |
| Positive Control ² | | | | | 663 ± 31.1 |
| Positive Control ³ | 781 ± 16.5 | 658 ± 94.9 | 855 ± 13.0 | | |
| Positive Control ⁴ | | | | 553 ± 52.0 | |

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Time Report Requested: **18:15:34**

Strain: TA1535

| Dose (ug/Plate) | Without S9 |
|-------------------------------|-------------------|
| Vehicle Control ¹ | 11 ± 1.5 |
| 0.0 | 0 ± 0.0 |
| 333.0 | 10 ± 1.5 |
| 1000.0 | 8 ± 1.2 |
| 1666.0 | 8 ± 1.5 |
| 3333.0 | 10 ± 0.9 |
| 6666.0 | 5 ± 0.6 |
| Trial Summary | Negative |
| Positive Control ³ | 572 ± 14.4 |

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Date Report Requested: 09/17/2018
Time Report Requested: 18:15:34

Strain: TA98

| Dose (ug/Plate) | Without S9 | With 30% Rat S9 | With 30% Hamster S9 |
|-------------------------------|------------|----------------------|-----------------------|
| Vehicle Control ¹ | 16 ± 3.2 | 24 ± 0.3 | 23 ± 0.7 |
| 3.0 | | 18 ± 2.4 | 27 ± 2.3 |
| 10.0 | 17 ± 0.3 | 22 ± 5.5 | 34 ± 3.2 |
| 33.0 | 14 ± 1.5 | 30 ± 2.6 | 44 ± 3.0 |
| 100.0 | 19 ± 1.5 | 29 ± 4.4 | 43 ± 5.8 |
| 333.0 | 14 ± 0.7 | 25 ± 2.5 | 43 ± 2.1 |
| 1000.0 | 17 ± 1.8 | 0 ± 0.0 ^x | 10 ± 2.1 ^s |
| 3333.0 | 11 ± 0.6 | | |
| 6666.0 | 11 ± 1.5 | | |
| 10000.0 | | | |
| Trial Summary | Negative | Negative | Equivocal |
| Positive Control ² | | | 237 ± 16.5 |
| Positive Control ⁵ | 209 ± 9.4 | | |
| Positive Control ⁴ | | 251 ± 20.6 | |

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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: Water

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

x: Slight Toxicity and Precipitate

**** END OF REPORT ****