

Experiment Number: 851003

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

G06: Ames Summary Data

Test Compound: **3-Amino-4-ethoxyacetanilide**

CAS Number: 17026-81-2

Date Report Requested: **09/16/2018**

Time Report Requested: **08:48:47**

NTP Study Number:

851003

Study Result:

Positive

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CAS Number: 17026-81-2

Date Report Requested: 09/16/2018

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Strain: TA100

| Dose (ug/Plate) | Without S9 | With 10% Rat S9 | With 10% Rat S9 | With 10% Hamster S9 | With 10% Hamster S9 |
|-------------------------------|------------|-----------------|-----------------|---------------------|---------------------|
| Vehicle Control ¹ | 77 ± 9.6 | 110 ± 4.6 | 203 ± 10.4 | 116 ± 8.0 | 223 ± 15.6 |
| 100.0 | 73 ± 3.2 | 101 ± 6.2 | 230 ± 22.4 | 104 ± 2.7 | 230 ± 18.9 |
| 333.0 | 67 ± 3.5 | 99 ± 2.2 | 217 ± 17.7 | 138 ± 2.6 | 252 ± 8.1 |
| 1000.0 | 69 ± 2.8 | 136 ± 1.9 | 243 ± 10.8 | 131 ± 5.4 | 259 ± 19.1 |
| 3333.0 | 82 ± 12.5 | 168 ± 3.4 | 295 ± 8.4 | 178 ± 5.5 | 321 ± 13.0 |
| 10000.0 | 103 ± 7.5 | 188 ± 9.3 | 391 ± 25.2 | 271 ± 5.5 | 526 ± 8.0 |
| Trial Summary | Negative | Equivocal | Positive | Positive | Positive |
| Positive Control ² | | 1027 ± 99.6 | 1973 ± 153.8 | 1100 ± 29.8 | 1799 ± 82.6 |
| Positive Control ³ | 460 ± 19.9 | | | | |

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Date Report Requested: 09/16/2018

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Strain: TA1535

| Dose (ug/Plate) | Without S9 | With 10% Rat S9 | With 10% Hamster S9 |
|-------------------------------|-------------------|------------------------|----------------------------|
| Vehicle Control ¹ | 4 ± 0.7 | 4 ± 1.5 | 4 ± 0.3 |
| 100.0 | 5 ± 1.0 | 5 ± 0.7 | 6 ± 0.6 |
| 333.0 | 3 ± 0.7 | 8 ± 1.2 | 3 ± 0.6 |
| 1000.0 | 4 ± 0.9 | 4 ± 0.6 | 3 ± 0.3 |
| 3333.0 | 4 ± 0.7 | 5 ± 0.9 | 5 ± 0.0 |
| 10000.0 | 4 ± 0.9 | 3 ± 0.6 | 6 ± 1.9 |
| Trial Summary | Negative | Negative | Negative |
| Positive Control ² | | 100 ± 13.4 | 103 ± 4.0 |
| Positive Control ³ | 310 ± 34.5 | | |

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Test Compound: 3-Amino-4-ethoxyacetanilide

CAS Number: 17026-81-2

Date Report Requested: 09/16/2018

Time Report Requested: 08:48:47

Strain: TA1537

| Dose (ug/Plate) | Without S9 | With 10% Rat S9 | With 10% Rat S9 | With 10% Hamster S9 | With 10% Hamster S9 |
|-------------------------------|------------|-----------------|-----------------|---------------------|---------------------|
| Vehicle Control ¹ | 4 ± 1.5 | 5 ± 1.3 | 7 ± 1.5 | 6 ± 0.0 | 6 ± 0.9 |
| 100.0 | 3 ± 0.9 | 6 ± 0.6 | 7 ± 1.2 | 3 ± 0.6 | 5 ± 1.5 |
| 333.0 | 2 ± 0.9 | 14 ± 1.8 | 16 ± 3.2 | 15 ± 2.0 | 11 ± 2.9 |
| 1000.0 | 4 ± 0.3 | 32 ± 3.3 | 52 ± 3.3 | 33 ± 1.2 | 40 ± 3.3 |
| 3333.0 | 3 ± 0.6 | 83 ± 10.1 | 117 ± 13.8 | 143 ± 2.1 | 192 ± 20.5 |
| 10000.0 | 6 ± 0.6 | 146 ± 15.9 | 148 ± 33.4 | 228 ± 3.5 | 318 ± 74.8 |
| Trial Summary | Negative | Positive | Positive | Positive | Positive |
| Positive Control ² | | 124 ± 27.5 | 79 ± 5.5 | 201 ± 8.8 | 100 ± 2.0 |
| Positive Control ⁴ | 398 ± 39.7 | | | | |

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Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: 3-Amino-4-ethoxyacetanilide

CAS Number: 17026-81-2

Date Report Requested: 09/16/2018

Time Report Requested: 08:48:47

Strain: TA98

| Dose (ug/Plate) | Without S9 | With 10% Rat S9 | With 10% Rat S9 | With 10% Hamster S9 | With 10% Hamster S9 |
|-------------------------------|------------|-----------------|-----------------|---------------------|---------------------|
| Vehicle Control ¹ | 13 ± 1.5 | 16 ± 3.5 | 20 ± 2.7 | 17 ± 2.9 | 22 ± 2.9 |
| 100.0 | 10 ± 1.5 | 27 ± 3.8 | 25 ± 6.6 | 22 ± 2.3 | 33 ± 2.0 |
| 333.0 | 12 ± 1.2 | 34 ± 3.2 | 35 ± 4.1 | 49 ± 4.5 | 47 ± 9.0 |
| 1000.0 | 10 ± 0.3 | 43 ± 3.8 | 68 ± 13.1 | 65 ± 8.7 | 84 ± 2.6 |
| 3333.0 | 13 ± 1.5 | 125 ± 9.8 | 127 ± 13.7 | 147 ± 24.2 | 213 ± 20.6 |
| 10000.0 | 15 ± 2.4 | 162 ± 17.6 | 181 ± 10.7 | 224 ± 16.0 | 355 ± 40.0 |
| Trial Summary | Negative | Positive | Positive | Positive | Positive |
| Positive Control ² | | 615 ± 69.9 | 1178 ± 233.7 | 671 ± 40.6 | 1720 ± 178.7 |
| Positive Control ⁵ | 306 ± 17.2 | | | | |

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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 2-Aminoanthracene

3: 3.3 ug/Plate Sodium Azide

4: 33.0 ug/Plate 9-Aminoacridine

5: 3.3 ug/Plate 4-Nitro-O-Phenylenediamine

**** END OF REPORT ****