

Experiment Number: 967319

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: 2,4,6-Trichloroaniline

CAS Number: 634-93-5

Date Report Requested: 09/17/2018

Time Report Requested: 22:26:44

NTP Study Number:

967319

Study Result:

Negative

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Mutagenicity

G06: Ames Summary Data

Test Compound: 2,4,6-Trichloroaniline

CAS Number: 634-93-5

Date Report Requested: 09/17/2018

Time Report Requested: 22:26:44

Strain: TA100

| Dose (ug/Plate) | Without S9 | Without S9 | With 10% Rat S9 | With 30% Rat S9 | With 10% Hamster S9 |
|-------------------------------|-----------------------|-----------------------|------------------------|----------------------|------------------------|
| Vehicle Control ¹ | 130 ± 8.0 | 147 ± 7.5 | 121 ± 4.5 | 176 ± 6.6 | 102 ± 3.5 |
| 1.0 | 133 ± 3.8 | 107 ± 5.2 | | | |
| 3.3 | 123 ± 2.3 | 120 ± 7.8 | 115 ± 1.5 | | 101 ± 6.1 |
| 10.0 | 138 ± 3.2 | 115 ± 3.4 | 108 ± 9.6 | 178 ± 4.9 | 110 ± 3.2 |
| 33.0 | 110 ± 4.7 | 115 ± 1.5 | 110 ± 3.2 | 162 ± 7.4 | 115 ± 3.5 |
| 67.0 | 64 ± 4.9 ^s | 89 ± 4.4 ^s | | | |
| 100.0 | | | 115 ± 3.7 | 166 ± 5.0 | 119 ± 6.3 |
| 200.0 | | | 26 ± 22.9 ^s | | 63 ± 23.2 ^s |
| 333.0 | | | | 6 ± 4.7 ^s | |
| 667.0 | | | | Toxic | |
| Trial Summary | Negative | Negative | Negative | Negative | Negative |
| Positive Control ² | | | | | 279 ± 10.1 |
| Positive Control ³ | 341 ± 9.4 | 444 ± 19.3 | | | |
| Positive Control ⁴ | | | 1197 ± 32.6 | | |
| Positive Control ⁵ | | | | | |
| Positive Control ⁶ | | | | 1262 ± 30.1 | |

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Strain: TA100

| Dose (ug/Plate) | With 30% Hamster S9 |
|-------------------------------|----------------------------|
| Vehicle Control ¹ | 150 ± 8.3 |
| 1.0 | |
| 3.3 | |
| 10.0 | 147 ± 13.7 |
| 33.0 | 141 ± 9.4 |
| 67.0 | |
| 100.0 | 148 ± 15.4 |
| 200.0 | |
| 333.0 | 129 ± 5.9 ^s |
| 667.0 | Toxic |
| Trial Summary | Negative |
| Positive Control ² | |
| Positive Control ³ | |
| Positive Control ⁴ | |
| Positive Control ⁵ | 658 ± 122.3 |
| Positive Control ⁶ | |

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G06: Ames Summary Data

Test Compound: 2,4,6-Trichloroaniline
CAS Number: 634-93-5

Date Report Requested: 09/17/2018

Time Report Requested: 22:26:44

Strain: TA1535

| Dose (ug/Plate) | Without S9 | Without S9 | With 10% Rat S9 | With 30% Rat S9 | With 10% Hamster S9 |
|-------------------------------|-----------------------|-----------------------|----------------------|----------------------|----------------------|
| Vehicle Control ¹ | 32 ± 2.2 | 41 ± 8.4 | 25 ± 3.5 | 17 ± 0.6 | 23 ± 0.7 |
| 1.0 | 27 ± 1.9 | 42 ± 4.4 | | | |
| 3.3 | 28 ± 3.5 | 41 ± 1.9 | 25 ± 2.0 | 10 ± 0.6 | 18 ± 1.2 |
| 10.0 | 29 ± 3.8 | 42 ± 1.5 | 25 ± 1.9 | 14 ± 0.7 | 22 ± 1.5 |
| 33.0 | 25 ± 1.5 | 36 ± 2.1 | 24 ± 2.9 | 14 ± 1.5 | 25 ± 0.7 |
| 67.0 | 16 ± 1.2 ^s | 23 ± 5.0 ^s | | | |
| 100.0 | | | 17 ± 2.1 | 18 ± 0.9 | 17 ± 3.3 |
| 200.0 | | | 7 ± 3.5 ^s | | 6 ± 1.0 ^s |
| 333.0 | | | | 4 ± 2.5 ^s | |
| Trial Summary | Negative | Negative | Negative | Negative | Negative |
| Positive Control ² | | | | | 65 ± 6.9 |
| Positive Control ³ | 817 ± 28.3 | 277 ± 14.0 | | | |
| Positive Control ⁵ | | | | | |
| Positive Control ⁶ | | | 271 ± 7.7 | 266 ± 7.8 | |

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Mutagenicity

G06: Ames Summary Data
Test Compound: 2,4,6-Trichloroaniline
CAS Number: 634-93-5

Date Report Requested: 09/17/2018
Time Report Requested: 22:26:44

Strain: TA1535

| Dose (ug/Plate) | With 30% Hamster S9 |
|-------------------------------|-----------------------|
| Vehicle Control ¹ | 15 ± 3.9 |
| 1.0 | |
| 3.3 | 12 ± 0.9 |
| 10.0 | 14 ± 1.2 |
| 33.0 | 17 ± 0.9 |
| 67.0 | |
| 100.0 | 23 ± 2.1 |
| 200.0 | |
| 333.0 | 17 ± 1.7 ^s |
| Trial Summary | Negative |
| Positive Control ² | |
| Positive Control ³ | |
| Positive Control ⁵ | 249 ± 1.8 |
| Positive Control ⁶ | |

Experiment Number: 967319

Test Type: Genetic Toxicology - Bacterial
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G06: Ames Summary Data

Test Compound: 2,4,6-Trichloroaniline

CAS Number: 634-93-5

Date Report Requested: 09/17/2018

Time Report Requested: 22:26:44

Strain: TA97

| Dose (ug/Plate) | Without S9 | Without S9 | With 10% Rat S9 | With 30% Rat S9 | With 10% Hamster S9 |
|-------------------------------|-----------------------|-----------------------|------------------------|-----------------|-------------------------|
| Vehicle Control ¹ | 112 ± 2.4 | 118 ± 4.5 | 117 ± 5.2 | 190 ± 3.0 | 135 ± 6.9 |
| 1.0 | | 115 ± 4.4 | | | |
| 3.3 | 114 ± 1.5 | 119 ± 4.3 | 140 ± 7.1 | 172 ± 10.5 | 103 ± 4.0 |
| 10.0 | 106 ± 7.5 | 117 ± 9.3 | 135 ± 7.0 | 155 ± 9.5 | 120 ± 12.3 |
| 33.0 | 123 ± 9.0 | 111 ± 2.9 | 145 ± 7.3 | 192 ± 5.0 | 124 ± 1.8 |
| 67.0 | | 96 ± 5.5 ^s | | | |
| 100.0 | 99 ± 4.3 ^s | | 159 ± 5.6 ^s | 199 ± 18.4 | 153 ± 10.0 ^s |
| 200.0 | | | 86 ± 1.0 ^s | | 91 ± 25.0 ^s |
| 333.0 | 85 ± 6.8 ^s | | | Toxic | |
| Trial Summary | Negative | Negative | Negative | Negative | Negative |
| Positive Control ⁴ | | | | | 1061 ± 4.3 |
| Positive Control ⁶ | | | 1993 ± 3.9 | | |
| Positive Control ⁷ | | | | 1232 ± 71.6 | |
| Positive Control ⁸ | 387 ± 25.9 | 387 ± 72.7 | | | |

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G06: Ames Summary Data
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CAS Number: 634-93-5

Date Report Requested: 09/17/2018
Time Report Requested: 22:26:44

Strain: TA97

| Dose (ug/Plate) | With 30% Hamster S9 |
|-------------------------------|-------------------------|
| Vehicle Control ¹ | 176 ± 4.9 |
| 1.0 | |
| 3.3 | 189 ± 5.8 |
| 10.0 | 187 ± 7.8 |
| 33.0 | 214 ± 4.7 |
| 67.0 | |
| 100.0 | 218 ± 10.6 |
| 200.0 | |
| 333.0 | 146 ± 15.4 ^s |
| Trial Summary | Negative |
| Positive Control ⁴ | |
| Positive Control ⁶ | |
| Positive Control ⁷ | 1341 ± 17.0 |
| Positive Control ⁸ | |

Experiment Number: 967319

Test Type: Genetic Toxicology - Bacterial
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G06: Ames Summary Data

Test Compound: 2,4,6-Trichloroaniline

CAS Number: 634-93-5

Date Report Requested: 09/17/2018

Time Report Requested: 22:26:44

Strain: TA98

| Dose (ug/Plate) | Without S9 | Without S9 | With 10% Rat S9 | With 30% Rat S9 | With 10% Hamster S9 |
|--------------------------------|-----------------------|-----------------------|------------------------|----------------------|-----------------------|
| Vehicle Control ¹ | 18 ± 0.9 | 24 ± 2.0 | 37 ± 5.5 | 29 ± 3.3 | 39 ± 0.3 |
| 1.0 | 19 ± 4.7 | 20 ± 1.5 | | | |
| 3.3 | 15 ± 3.2 | 25 ± 1.7 | 35 ± 2.6 | | 39 ± 4.8 |
| 10.0 | 14 ± 2.0 | 25 ± 2.6 | 37 ± 4.6 | 32 ± 3.5 | 41 ± 3.8 |
| 33.0 | 15 ± 3.2 | 19 ± 1.9 | 36 ± 0.9 | 27 ± 0.6 | 37 ± 3.8 |
| 67.0 | 10 ± 3.0 ^s | 14 ± 1.8 ^s | | | |
| 100.0 | | | 26 ± 2.8 | 34 ± 3.8 | 37 ± 3.7 |
| 200.0 | | | 14 ± 10.5 ^s | | 18 ± 3.2 ^s |
| 333.0 | | | | 6 ± 2.8 ^s | |
| 667.0 | | | | Toxic | |
| Trial Summary | Negative | Negative | Negative | Negative | Negative |
| Positive Control ⁹ | | | | | 230 ± 7.5 |
| Positive Control ² | | | 201 ± 11.2 | | |
| Positive Control ⁵ | | | | 335 ± 9.3 | |
| Positive Control ¹⁰ | 304 ± 11.5 | 309 ± 19.1 | | | |

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Mutagenicity

G06: Ames Summary Data

Test Compound: 2,4,6-Trichloroaniline

CAS Number: 634-93-5

Date Report Requested: 09/17/2018

Time Report Requested: 22:26:44

Strain: TA98

| Dose (ug/Plate) | With 30% Hamster S9 |
|--------------------------------|----------------------------|
| Vehicle Control ¹ | 28 ± 4.3 |
| 1.0 | |
| 3.3 | |
| 10.0 | 33 ± 4.1 |
| 33.0 | 28 ± 2.9 |
| 67.0 | |
| 100.0 | 32 ± 1.5 |
| 200.0 | |
| 333.0 | 19 ± 9.5 ^s |
| 667.0 | Toxic |
| Trial Summary | Negative |
| Positive Control ⁹ | |
| Positive Control ² | 138 ± 12.3 |
| Positive Control ⁵ | |
| Positive Control ¹⁰ | |

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

G06: Ames Summary Data

Test Compound: **2,4,6-Trichloroaniline**

CAS Number: **634-93-5**

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

Time Report Requested: **22:26:44**

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: 0.4 ug/Plate 2-Aminoanthracene

3: 0.5 ug/Plate Sodium Azide

4: 0.75 ug/Plate 2-Aminoanthracene

5: 1.0 ug/Plate 2-Aminoanthracene

6: 2.0 ug/Plate 2-Aminoanthracene

7: 2.5 ug/Plate 2-Aminoanthracene

8: 16.0 ug/Plate 9-Aminoacridine

9: 0.2 ug/Plate 2-Aminoanthracene

10: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine

s: Slight Toxicity

**** END OF REPORT ****