

Experiment Number: 856194

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

G06: Ames Summary Data

Test Compound: **Ditridecyl phthalate**

CAS Number: **119-06-2**

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

Time Report Requested: **12:47:32**

NTP Study Number:

856194

Study Result:

Negative

Experiment Number: 856194

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Mutagenicity

G06: Ames Summary Data

Test Compound: Ditridecyl phthalate

CAS Number: 119-06-2

Date Report Requested: 09/16/2018

Time Report Requested: 12:47:32

Strain: TA100

| Dose (ug/Plate) | Without S9 | Without S9 | With 10% Rat S9 | With 10% Rat S9 | With 10% Hamster S9 |
|-------------------------------|-------------|-------------|-----------------|-----------------|---------------------|
| Vehicle Control ¹ | 155 ± 5.5 | 166 ± 3.2 | 147 ± 5.2 | 169 ± 7.2 | 156 ± 3.8 |
| 100.0 | 166 ± 7.0 | 169 ± 7.2 | 141 ± 20.5 | 143 ± 7.9 | 143 ± 2.3 |
| 333.0 | 143 ± 7.2 | 164 ± 3.9 | 137 ± 2.6 | 138 ± 8.0 | 155 ± 13.5 |
| 1000.0 | 149 ± 3.2 | 154 ± 5.9 | 139 ± 10.5 | 130 ± 4.0 | 150 ± 7.4 |
| 3333.0 | 161 ± 8.2 | 173 ± 10.9 | 144 ± 2.1 | 130 ± 1.2 | 159 ± 9.0 |
| 10000.0 | 156 ± 12.1 | 157 ± 10.8 | 140 ± 1.2 | 124 ± 3.8 | 154 ± 11.2 |
| Trial Summary | Negative | Negative | Negative | Negative | Negative |
| Positive Control ² | | | | | 1360 ± 42.2 |
| Positive Control ³ | | | 1314 ± 120.6 | 943 ± 10.2 | |
| Positive Control ⁴ | 1379 ± 39.8 | 1090 ± 13.3 | | | |

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Strain: TA100

| Dose (ug/Plate) | With 10% Hamster S9 |
|-------------------------------|----------------------------|
| Vehicle Control ¹ | 139 ± 3.8 |
| 100.0 | 144 ± 5.8 |
| 333.0 | 131 ± 1.9 |
| 1000.0 | 129 ± 3.2 |
| 3333.0 | 132 ± 8.3 |
| 10000.0 | 145 ± 9.7 |
| Trial Summary | Negative |
| Positive Control ² | 889 ± 7.0 |
| Positive Control ³ | |
| Positive Control ⁴ | |

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G06: Ames Summary Data

Test Compound: Ditridecyl phthalate

CAS Number: 119-06-2

Date Report Requested: 09/16/2018

Time Report Requested: 12:47:32

Strain: TA1535

| Dose (ug/Plate) | Without S9 | Without S9 | With 10% Rat S9 | With 10% Rat S9 | With 10% Hamster S9 |
|-------------------------------|------------|------------|-----------------|-----------------|---------------------|
| Vehicle Control ¹ | 43 ± 1.5 | 39 ± 5.5 | 29 ± 1.2 | 23 ± 2.2 | 25 ± 4.1 |
| 100.0 | 42 ± 6.2 | 34 ± 2.1 | 28 ± 3.3 | 24 ± 1.7 | 16 ± 0.3 |
| 333.0 | 34 ± 5.2 | 31 ± 1.2 | 20 ± 1.5 | 19 ± 1.9 | 20 ± 0.0 |
| 1000.0 | 31 ± 2.0 | 29 ± 4.0 | 22 ± 3.2 | 25 ± 4.0 | 20 ± 5.0 |
| 3333.0 | 34 ± 2.3 | 26 ± 3.8 | 26 ± 2.3 | 23 ± 1.0 | 19 ± 1.8 |
| 10000.0 | 33 ± 1.2 | 30 ± 2.0 | 18 ± 2.5 | 21 ± 4.7 | 17 ± 1.3 |
| Trial Summary | Negative | Negative | Negative | Negative | Negative |
| Positive Control ² | | | | | 87 ± 4.5 |
| Positive Control ³ | | | 66 ± 6.1 | 77 ± 6.0 | |
| Positive Control ⁴ | 965 ± 23.2 | 735 ± 13.3 | | | |

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

G06: Ames Summary Data

Test Compound: **Ditridecyl phthalate**

CAS Number: **119-06-2**

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

Time Report Requested: **12:47:32**

Strain: TA1535

| Dose (ug/Plate) | With 10% Hamster S9 |
|-------------------------------|----------------------------|
| Vehicle Control ¹ | 23 ± 2.7 |
| 100.0 | 18 ± 4.1 |
| 333.0 | 20 ± 4.1 |
| 1000.0 | 19 ± 2.2 |
| 3333.0 | 20 ± 5.7 |
| 10000.0 | 17 ± 2.7 |
| Trial Summary | Negative |
| Positive Control ² | 59 ± 2.2 |
| Positive Control ³ | |
| Positive Control ⁴ | |

Experiment Number: 856194

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

Test Compound: Ditridecyl phthalate

CAS Number: 119-06-2

Date Report Requested: 09/16/2018

Time Report Requested: 12:47:32

Strain: TA1537

| Dose (ug/Plate) | Without S9 | Without S9 | With 10% Rat S9 | With 10% Rat S9 | With 10% Hamster S9 |
|-------------------------------|-------------------|-------------------|------------------------|------------------------|----------------------------|
| Vehicle Control ¹ | 5 ± 0.6 | 8 ± 0.7 | 9 ± 1.5 | 8 ± 3.2 | 4 ± 0.3 |
| 100.0 | 6 ± 0.3 | 7 ± 0.3 | 6 ± 2.0 | 9 ± 0.7 | 5 ± 0.7 |
| 333.0 | 5 ± 1.5 | 7 ± 1.0 | 9 ± 4.0 | 7 ± 1.0 | 7 ± 2.0 |
| 1000.0 | 3 ± 0.7 | 8 ± 0.6 | 8 ± 1.2 | 6 ± 0.9 | 9 ± 1.2 |
| 3333.0 | 5 ± 1.0 | 7 ± 0.9 | 5 ± 1.5 | 6 ± 0.3 | 7 ± 0.7 |
| 10000.0 | 3 ± 1.2 | 3 ± 0.9 | 6 ± 2.1 | 7 ± 0.7 | 8 ± 0.3 |
| Trial Summary | Negative | Negative | Negative | Negative | Negative |
| Positive Control ² | | | | | 89 ± 10.3 |
| Positive Control ³ | | | 80 ± 8.2 | 49 ± 4.4 | |
| Positive Control ⁵ | 78 ± 6.7 | 202 ± 8.4 | | | |

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Test Compound: Ditridecyl phthalate

CAS Number: 119-06-2

Date Report Requested: 09/16/2018

Time Report Requested: 12:47:32

Strain: TA1537

| Dose (ug/Plate) | With 10% Hamster S9 |
|-------------------------------|----------------------------|
| Vehicle Control ¹ | 8 ± 1.2 |
| 100.0 | 7 ± 0.9 |
| 333.0 | 9 ± 1.8 |
| 1000.0 | 11 ± 0.9 |
| 3333.0 | 7 ± 1.5 |
| 10000.0 | 5 ± 1.9 |
| Trial Summary | Negative |
| Positive Control ² | 71 ± 4.7 |
| Positive Control ³ | |
| Positive Control ⁵ | |

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Test Compound: Ditridecyl phthalate

CAS Number: 119-06-2

Date Report Requested: 09/16/2018

Time Report Requested: 12:47:32

Strain: TA98

| Dose (ug/Plate) | Without S9 | Without S9 | With 10% Rat S9 | With 10% Rat S9 | With 10% Hamster S9 |
|-------------------------------|-------------|--------------|-----------------|-----------------|---------------------|
| Vehicle Control ¹ | 17 ± 2.6 | 16 ± 1.5 | 38 ± 1.5 | 32 ± 5.0 | 36 ± 2.6 |
| 100.0 | 16 ± 1.9 | 19 ± 3.5 | 27 ± 1.5 | 30 ± 2.6 | 27 ± 1.3 |
| 333.0 | 16 ± 1.0 | 21 ± 1.2 | 30 ± 2.8 | 30 ± 5.0 | 31 ± 0.7 |
| 1000.0 | 18 ± 1.2 | 18 ± 2.3 | 26 ± 3.2 | 26 ± 2.9 | 34 ± 1.2 |
| 3333.0 | 18 ± 1.7 | 20 ± 1.5 | 24 ± 4.0 | 27 ± 0.9 | 25 ± 2.6 |
| 10000.0 | 19 ± 2.4 | 20 ± 3.9 | 25 ± 1.8 | 22 ± 3.8 | 28 ± 0.6 |
| Trial Summary | Negative | Negative | Negative | Negative | Negative |
| Positive Control ² | | | | | 1399 ± 44.5 |
| Positive Control ³ | | | 1140 ± 75.0 | 805 ± 28.3 | |
| Positive Control ⁶ | 1302 ± 66.7 | 1363 ± 156.1 | | | |

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G06: Ames Summary Data

Test Compound: Ditridecyl phthalate

CAS Number: 119-06-2

Date Report Requested: 09/16/2018

Time Report Requested: 12:47:32

Strain: TA98

| Dose (ug/Plate) | With 10% Hamster S9 |
|-------------------------------|----------------------------|
| Vehicle Control ¹ | 30 ± 4.5 |
| 100.0 | 26 ± 1.5 |
| 333.0 | 29 ± 4.0 |
| 1000.0 | 28 ± 3.3 |
| 3333.0 | 34 ± 4.6 |
| 10000.0 | 24 ± 1.5 |
| Trial Summary | Negative |
| Positive Control ² | 846 ± 47.8 |
| Positive Control ³ | |
| Positive Control 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: Acetone

2: 0.75 ug/Plate 2-Aminoanthracene

3: 1.5 ug/Plate 2-Aminoanthracene

4: 2.5 ug/Plate Sodium Azide

5: 80.0 ug/Plate 9-Aminoacridine

6: 12.0 ug/Plate 4-Nitro-O-Phenylenediamine

**** END OF REPORT ****