Experiment Number: **559799**

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

**G06: Ames Summary Data**

Test Compound: **Chlorobenzene**

CAS Number: **108-90-7**

Date Report Requested: **09/13/2018**

Time Report Requested: **22:29:17**

**NTP Study Number:** 559799

**Study Result:** Negative

Experiment Number: **559799**

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

**G06: Ames Summary Data**

Test Compound: **Chlorobenzene**

CAS Number: **108-90-7**

Date Report Requested: **09/13/2018**

Time Report Requested: **22:29:17**

**Strain: TA100**

| Dose (ug/Plate) | Without S9 | Without S9 | With 10% Rat S9 | With 10% Rat S9 | With 10% Hamster S9 |
|---|---|---|---|---|---|
| Vehicle Control[1] | 94 ± 1.9 | 84 ± 7.3 | 121 ± 2.9 | 135 ± 7.4 | 110 ± 3.8 |
| 3.3 | 97 ± 2.0 | 79 ± 10.4 | 122 ± 6.6 | 131 ± 6.2 | 143 ± 15.1 |
| 10.0 | 106 ± 7.7 | 86 ± 4.5 | 121 ± 9.8 | 131 ± 3.2 | 142 ± 8.6 |
| 33.0 | 104 ± 7.4 | 81 ± 6.9 | 111 ± 8.7 | 130 ± 8.1 | 129 ± 6.9 |
| 100.0 | 105 ± 5.7 | 83 ± 7.1 | 176 ± 77.4 | 100 ± 6.4 | 147 ± 4.1 |
| 333.0 | 86 ± 1.3 | 62 ± 9.3 | 109 ± 11.7 | 109 ± 6.5 | 142 ± 4.6 |
| Trial Summary | Negative | Negative | Negative | Negative | Negative |
| Positive Control[2] | | | 433 ± 20.7 | 830 ± 50.7 | 555 ± 17.7 |
| Positive Control[3] | 343 ± 16.6 | 654 ± 34.9 | | | |

Experiment Number: **559799**

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

**G06: Ames Summary Data**

Test Compound: **Chlorobenzene**

CAS Number: **108-90-7**

Date Report Requested: **09/13/2018**

Time Report Requested: **22:29:17**

**Strain: TA100**

| Dose (ug/Plate) | With 10% Hamster S9 |
|---|---|
| Vehicle Control[1] | 120 ± 5.1 |
| 3.3 | 134 ± 12.4 |
| 10.0 | 135 ± 11.3 |
| 33.0 | 119 ± 12.2 |
| 100.0 | 110 ± 5.4 |
| 333.0 | 109 ± 10.8 |
| Trial Summary | Negative |
| Positive Control[2] | 1019 ± 108.8 |
| Positive Control[3] | |

Experiment Number: **559799**

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

**G06: Ames Summary Data**

Test Compound: **Chlorobenzene**

CAS Number: **108-90-7**

Date Report Requested: **09/13/2018**

Time Report Requested: **22:29:17**

**Strain: TA1535**

| Dose (ug/Plate) | Without S9 | Without S9 | With 10% Rat S9 | With 10% Rat S9 | With 10% Hamster S9 |
|---|---|---|---|---|---|
| Vehicle Control[1] | 7 ± 0.3 | 6 ± 0.6 | 9 ± 0.3 | 8 ± 0.7 | 10 ± 0.6 |
| 3.3 | 7 ± 2.7 | 5 ± 0.3 | 10 ± 1.2 | 7 ± 1.0 | 6 ± 0.9 |
| 10.0 | 6 ± 1.2 | 5 ± 0.0 | 8 ± 1.2 | 6 ± 0.6 | 8 ± 1.5 |
| 33.0 | 7 ± 2.0 | 6 ± 0.3 | 8 ± 0.6 | 6 ± 0.3 | 7 ± 2.0 |
| 100.0 | 7 ± 0.9 | 6 ± 0.3 | 6 ± 0.9 | 6 ± 0.6 | 10 ± 0.9 |
| 333.0 | 6 ± 2.4 | 5 ± 0.0 | 7 ± 2.6 | 6 ± 0.3 | 8 ± 1.3 |
| Trial Summary | Negative | Negative | Negative | Negative | Negative |
| Positive Control[2] | | | 22 ± 3.4 | 42 ± 12.5 | 39 ± 5.9 |
| Positive Control[4] | 281 ± 4.4 | | | | |
| Positive Control[3] | | 214 ± 38.4 | | | |

Experiment Number: **559799**

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

**G06: Ames Summary Data**

Test Compound: **Chlorobenzene**

CAS Number: **108-90-7**

Date Report Requested: **09/13/2018**

Time Report Requested: **22:29:17**

**Strain: TA1535**

| Dose (ug/Plate) | With 10% Hamster S9 |
|---|---|
| Vehicle Control[1] | 8 ± 1.2 |
| 3.3 | 7 ± 1.9 |
| 10.0 | 6 ± 0.9 |
| 33.0 | 6 ± 0.6 |
| 100.0 | 7 ± 0.7 |
| 333.0 | 6 ± 0.3 |
| Trial Summary | Negative |
| Positive Control[2] | 51 ± 6.4 |
| Positive Control[4] | |
| Positive Control[3] | |

Experiment Number: **559799**

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

**G06: Ames Summary Data**

Test Compound: **Chlorobenzene**

CAS Number: **108-90-7**

Date Report Requested: **09/13/2018**

Time Report Requested: **22:29:17**

**Strain: TA1537**

| Dose (ug/Plate) | Without S9 | Without S9 | With 10% Rat S9 | With 10% Rat S9 | With 10% Hamster S9 |
|---|---|---|---|---|---|
| Vehicle Control[1] | 2 ± 0.3 | 3 ± 0.6 | 5 ± 1.2 | 6 ± 0.6 | 6 ± 0.9 |
| 3.3 | 3 ± 0.7 | 4 ± 0.7 | 9 ± 3.2 | 7 ± 1.9 | 6 ± 1.3 |
| 10.0 | 3 ± 1.0 | 4 ± 0.7 | 6 ± 1.3 | 6 ± 0.3 | 6 ± 0.9 |
| 33.0 | 3 ± 0.3 | 4 ± 0.7 | 6 ± 0.9 | 5 ± 0.9 | 4 ± 0.3 |
| 100.0 | 5 ± 2.4 | 5 ± 1.7 | 5 ± 0.9 | 6 ± 0.3 | 9 ± 2.9 |
| 333.0 | 4 ± 1.8 | 4 ± 1.0 | 8 ± 0.3 | 6 ± 2.0 | 6 ± 3.1 |
| Trial Summary | Negative | Negative | Negative | Negative | Negative |
| Positive Control[2] | | | 29 ± 6.8 | 80 ± 6.4 | 37 ± 9.7 |
| Positive Control[5] | 137 ± 11.7 | 156 ± 8.6 | | | |

Experiment Number: **559799**

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

**G06: Ames Summary Data**

Test Compound: **Chlorobenzene**

CAS Number: **108-90-7**

Date Report Requested: **09/13/2018**

Time Report Requested: **22:29:17**

**Strain: TA1537**

| Dose (ug/Plate) | With 10% Hamster S9 |
|---|---|
| Vehicle Control[1] | 7 ± 0.6 |
| 3.3 | 6 ± 0.6 |
| 10.0 | 6 ± 0.7 |
| 33.0 | 6 ± 0.3 |
| 100.0 | 7 ± 1.9 |
| 333.0 | 6 ± 0.6 |
| Trial Summary | Negative |
| Positive Control[2] | 72 ± 4.5 |
| Positive Control[5] | |

Experiment Number: **559799**

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

**G06: Ames Summary Data**

Test Compound: **Chlorobenzene**

CAS Number: **108-90-7**

Date Report Requested: **09/13/2018**

Time Report Requested: **22:29:17**

**Strain: TA98**

| Dose (ug/Plate) | Without S9 | Without S9 | With 10% Rat S9 | With 10% Rat S9 | With 10% Hamster S9 |
|---|---|---|---|---|---|
| Vehicle Control[1] | 14 ± 0.3 | 18 ± 2.3 | 19 ± 2.0 | 25 ± 3.2 | 20 ± 5.8 |
| 3.3 | 16 ± 1.5 | 18 ± 3.2 | 22 ± 2.5 | 25 ± 2.6 | 25 ± 3.3 |
| 10.0 | 12 ± 3.5 | 16 ± 1.7 | 38 ± 18.7 | 21 ± 3.0 | 19 ± 4.7 |
| 33.0 | 15 ± 3.2 | 14 ± 2.7 | 19 ± 2.4 | 20 ± 3.2 | 19 ± 2.3 |
| 100.0 | 10 ± 0.7 | 14 ± 0.7 | 18 ± 2.9 | 20 ± 4.2 | 22 ± 2.7 |
| 333.0 | 10 ± 1.5 | 11 ± 1.0 | 19 ± 5.2 | 25 ± 0.3 | 20 ± 7.1 |
| Trial Summary | Negative | Negative | Negative | Negative | Negative |
| Positive Control[2] | | | 370 ± 15.9 | 913 ± 89.3 | 436 ± 19.1 |
| Positive Control[6] | 120 ± 14.4 | 344 ± 23.1 | | | |

Experiment Number: **559799**

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

**G06: Ames Summary Data**

Test Compound: **Chlorobenzene**

CAS Number: **108-90-7**

Date Report Requested: **09/13/2018**

Time Report Requested: **22:29:17**

**Strain: TA98**

| Dose (ug/Plate) | With 10% Hamster S9 |
|---|---|
| Vehicle Control[1] | 22 ± 2.3 |
| 3.3 | 20 ± 4.0 |
| 10.0 | 20 ± 3.0 |
| 33.0 | 24 ± 3.0 |
| 100.0 | 27 ± 1.2 |
| 333.0 | 15 ± 3.6 |
| Trial Summary | Negative |
| Positive Control[2] | 1086 ± 38.4 |
| Positive Control[6] | |

**LEGEND**

Values given as Mean or Mean ± 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: 1.0 ug/Plate Sodium Azide
5: 33.0 ug/Plate 9-Aminoacridine
6: 3.3 ug/Plate 4-Nitro-O-Phenylenediamine

** END OF REPORT **