Experiment Number: **255793**

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

G06: Ames Summary Data

Test Compound: **trans-Stilbene**

CAS Number: **103-30-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **02:26:15**

NTP Study Number: 255793

Study Result: Negative

Experiment Number: **255793**

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

G06: Ames Summary Data

Test Compound: **trans-Stilbene**

CAS Number: **103-30-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **02:26:15**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	97 ± 3.2	107 ± 7.1	125 ± 10.8	95 ± 2.6	133 ± 2.2
100.0	90 ± 2.7	85 ± 5.0	111 ± 7.9	124 ± 5.7	116 ± 10.4
333.3	88 ± 1.3	91 ± 9.5	98 ± 2.8	115 ± 7.0	110 ± 9.0
1000.0	88 ± 3.5[p]	88 ± 6.3[p]	115 ± 4.2[p]	118 ± 6.9[p]	119 ± 8.5[p]
3333.3	96 ± 8.1[p]	100 ± 8.7[p]	100 ± 5.2[p]	117 ± 8.4[p]	115 ± 6.3[p]
10000.0	86 ± 4.7[p]	96 ± 6.4[p]	116 ± 11.4[p]	109 ± 0.7[p]	132 ± 6.2[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]	263 ± 22.9	465 ± 9.8			
Positive Control[3]			893 ± 31.5	1022 ± 31.8	1563 ± 23.4

Experiment Number: **255793**

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

G06: Ames Summary Data

Test Compound: **trans-Stilbene**

CAS Number: **103-30-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **02:26:15**

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	84 ± 5.2
100.0	119 ± 7.8
333.3	105 ± 2.4
1000.0	102 ± 0.7[p]
3333.3	110 ± 5.8[p]
10000.0	108 ± 2.3[p]
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	1960 ± 98.5

Experiment Number: **255793**

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

G06: Ames Summary Data

Test Compound: **trans-Stilbene**

CAS Number: **103-30-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **02:26:15**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	25 ± 2.6	24 ± 1.8	12 ± 2.6	15 ± 0.9	10 ± 1.2
100.0	25 ± 2.5	24 ± 4.0	10 ± 2.2	11 ± 0.6	13 ± 0.3
333.3	22 ± 4.1	21 ± 5.4	9 ± 2.5	12 ± 2.3	9 ± 1.8
1000.0	27 ± 1.0[p]	19 ± 3.1[p]	8 ± 1.2[p]	13 ± 2.0[p]	7 ± 1.0[p]
3333.3	21 ± 1.0[p]	17 ± 2.1[p]	8 ± 0.7[p]	14 ± 1.7[p]	12 ± 2.8[p]
10000.0	24 ± 3.0[p]	22 ± 2.6[p]	11 ± 1.3[p]	11 ± 0.7[p]	12 ± 2.9[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]	334 ± 52.4	324 ± 24.5			
Positive Control[4]			288 ± 3.7	211 ± 6.6	424 ± 16.7

Experiment Number: **255793**

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

G06: Ames Summary Data

Test Compound: **trans-Stilbene**

CAS Number: **103-30-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **02:26:15**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	9 ± 0.9
100.0	13 ± 3.5
333.3	13 ± 0.7
1000.0	13 ± 0.3[p]
3333.3	11 ± 1.0[p]
10000.0	13 ± 1.2[p]
Trial Summary	Negative
Positive Control[2]	
Positive Control[4]	223 ± 7.9

Experiment Number: **255793**

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

G06: Ames Summary Data

Test Compound: **trans-Stilbene**

CAS Number: **103-30-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **02:26:15**

Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	12 ± 2.5	14 ± 2.5	26 ± 1.7	21 ± 2.2	34 ± 1.5
100.0	20 ± 2.5	9 ± 1.7	13 ± 2.3	15 ± 3.8	24 ± 0.7
333.3	13 ± 3.5	13 ± 3.2	11 ± 1.0	15 ± 1.5	19 ± 1.2
1000.0	12 ± 3.3[p]	8 ± 1.5[p]	13 ± 2.2[p]	16 ± 0.3[p]	13 ± 2.7[p]
3333.3	12 ± 2.5[p]	10 ± 1.7[p]	13 ± 2.0[p]	12 ± 2.0[p]	15 ± 2.3[p]
10000.0	11 ± 0.7[p]	9 ± 0.7[p]	11 ± 1.3[p]	13 ± 2.7[p]	18 ± 1.2[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[4]			293 ± 9.6	282 ± 25.4	462 ± 13.5
Positive Control[5]	729 ± 105.3	171 ± 46.5			

Experiment Number: **255793**

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

G06: Ames Summary Data

Test Compound: **trans-Stilbene**

CAS Number: **103-30-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **02:26:15**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	21 ± 1.2
100.0	22 ± 1.5
333.3	11 ± 2.5
1000.0	17 ± 0.9[p]
3333.3	13 ± 1.9[p]
10000.0	14 ± 2.0[p]
Trial Summary	Negative
Positive Control[4]	439 ± 24.2
Positive Control[5]	

Experiment Number: **255793**

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

G06: Ames Summary Data

Test Compound: **trans-Stilbene**

CAS Number: **103-30-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **02:26:15**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	21 ± 3.5	21 ± 2.4	35 ± 4.0	23 ± 1.7	43 ± 1.7
100.0	19 ± 2.3	18 ± 1.5	29 ± 0.6	30 ± 3.2	30 ± 0.9
333.3	21 ± 1.7	19 ± 1.2	33 ± 3.2	32 ± 3.9	31 ± 3.3
1000.0	19 ± 1.7[p]	18 ± 2.8[p]	29 ± 0.7[p]	28 ± 3.3[p]	35 ± 6.8[p]
3333.3	23 ± 3.3[p]	21 ± 1.2[p]	27 ± 1.5[p]	26 ± 1.5[p]	42 ± 1.5[p]
10000.0	18 ± 2.9[p]	26 ± 1.8[p]	24 ± 3.8[p]	31 ± 2.1[p]	43 ± 2.7[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[3]			698 ± 37.4	716 ± 58.9	1528 ± 6.1
Positive Control[6]	373 ± 9.1	698 ± 37.3			

Experiment Number: **255793**

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

G06: Ames Summary Data

Test Compound: **trans-Stilbene**

CAS Number: **103-30-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **02:26:15**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	33 ± 1.8
100.0	30 ± 3.2
333.3	29 ± 1.9
1000.0	31 ± 1.5[p]
3333.3	26 ± 0.9[p]
10000.0	31 ± 1.8[p]
Trial Summary	Negative
Positive Control[3]	1331 ± 51.6
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 Sodium Azide
3: 1.0 ug/Plate 2-Aminoanthracene
4: 2.5 ug/Plate 2-Aminoanthracene
5: 50.0 ug/Plate 9-Aminoacridine
6: 5.0 ug/Plate 4-Nitro-O-Phenylenediamine
p: Precipitate

** END OF REPORT **