Experiment Number: **730645**

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

G06: Ames Summary Data

Test Compound: **Triphenyl phosphite**

CAS Number: **101-02-0**

Date Report Requested: **09/12/2018**

Time Report Requested: **20:06:39**

NTP Study Number: 730645

Study Result: Negative

Experiment Number: **730645**

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

G06: Ames Summary Data

Test Compound: **Triphenyl phosphite**

CAS Number: **101-02-0**

Date Report Requested: **09/12/2018**

Time Report Requested: **20:06:39**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	85 ± 6.4	122 ± 8.3	126 ± 12.4	157 ± 13.8	109 ± 12.2
100.0	85 ± 2.3	108 ± 4.6	118 ± 9.6	130 ± 12.8	114 ± 18.9
333.0	84 ± 5.2	96 ± 1.9	121 ± 9.0	148 ± 8.6	121 ± 4.3
1000.0	78 ± 4.3[p]	102 ± 1.8	139 ± 6.2[p]	141 ± 12.0	128 ± 13.7[p]
3333.0	61 ± 12.1[p]	110 ± 4.0[p]	142 ± 4.2[p]	146 ± 9.4[p]	133 ± 4.3[p]
10000.0	79 ± 3.5[p]	108 ± 10.9[p]	103 ± 3.6[p]	192 ± 9.7[p]	107 ± 9.2[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			2842 ± 84.5	2333 ± 153.0	2954 ± 7.5
Positive Control[3]	926 ± 91.4	1518 ± 31.3			

Experiment Number: **730645**

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

G06: Ames Summary Data

Test Compound: **Triphenyl phosphite**

CAS Number: **101-02-0**

Date Report Requested: **09/12/2018**

Time Report Requested: **20:06:39**

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control[1]	176 ± 9.0	239 ± 13.3
100.0	133 ± 22.1	228 ± 8.1
333.0	147 ± 1.2	204 ± 10.3
1000.0	157 ± 8.5	255 ± 21.1
3333.0	166 ± 8.8[p]	308 ± 22.4
10000.0	193 ± 9.0[p]	363 ± 20.9
Trial Summary	Negative	Equivocal
Positive Control[2]	2615 ± 100.1	1367 ± 49.2
Positive Control[3]		

Experiment Number: **730645**

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

G06: Ames Summary Data

Test Compound: **Triphenyl phosphite**

CAS Number: **101-02-0**

Date Report Requested: **09/12/2018**

Time Report Requested: **20:06:39**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	9 ± 0.3	15 ± 1.2	11 ± 2.0	15 ± 4.0	8 ± 0.9
33.0		13 ± 0.7			
100.0	6 ± 3.0	13 ± 2.8	8 ± 2.3	9 ± 2.8	11 ± 1.2
333.0	5 ± 0.3	11 ± 0.3	9 ± 1.2	11 ± 2.7	5 ± 1.2
1000.0	5 ± 1.9[p]	12 ± 1.5	13 ± 0.9[p]	9 ± 1.3	10 ± 2.0[p]
3333.0	1 ± 0.7[p]	13 ± 1.7[p]	5 ± 0.3[p]	14 ± 0.9[p]	6 ± 1.5[p]
10000.0	2 ± 0.3[p]		5 ± 2.1[p]	11 ± 2.1[p]	2 ± 0.7[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[4]			101 ± 9.5	249 ± 18.4	103 ± 8.0
Positive Control[3]	326 ± 21.4	900 ± 48.0			

Experiment Number: **730645**

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

G06: Ames Summary Data

Test Compound: **Triphenyl phosphite**

CAS Number: **101-02-0**

Date Report Requested: **09/12/2018**

Time Report Requested: **20:06:39**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	15 ± 3.8
33.0	
100.0	12 ± 0.6
333.0	12 ± 0.3
1000.0	8 ± 1.5
3333.0	15 ± 1.7[p]
10000.0	15 ± 2.0[p]
Trial Summary	Negative
Positive Control[4]	339 ± 24.1
Positive Control[3]	

Experiment Number: **730645**

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

G06: Ames Summary Data

Test Compound: **Triphenyl phosphite**

CAS Number: **101-02-0**

Date Report Requested: **09/12/2018**

Time Report Requested: **20:06:39**

Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control[1]	4 ± 0.0	11 ± 1.0	8 ± 1.2	7 ± 2.5	18 ± 2.2
10.0		14 ± 0.9	6 ± 1.0		
33.0		12 ± 3.8	7 ± 1.3		
100.0	10 ± 3.5	10 ± 1.7	5 ± 1.5	8 ± 0.7	17 ± 2.4
333.0	5 ± 2.1	13 ± 1.5	3 ± 1.5	6 ± 1.7	15 ± 2.9
1000.0	1 ± 0.9[p]	11 ± 3.2	3 ± 0.7	7 ± 1.7[p]	15 ± 1.2
3333.0	Toxic			1 ± 0.5[p]	17 ± 0.3[p]
10000.0	1 ± 0.3[p]			1 ± 0.9[p]	12 ± 1.5[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[4]				67 ± 26.3	268 ± 23.0
Positive Control[5]	790 ± 89.9	297 ± 53.0	424 ± 142.7		

Experiment Number: **730645**

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

G06: Ames Summary Data

Test Compound: **Triphenyl phosphite**

CAS Number: **101-02-0**

Date Report Requested: **09/12/2018**

Time Report Requested: **20:06:39**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control[1]	3 ± 0.3	22 ± 2.6
10.0		
33.0		
100.0	4 ± 0.3	11 ± 2.1
333.0	5 ± 0.3	16 ± 3.5
1000.0	6 ± 1.2[p]	15 ± 3.5
3333.0	2 ± 0.7[p]	14 ± 1.2[p]
10000.0	2 ± 0.3[p]	13 ± 4.4[p]
Trial Summary	Negative	Negative
Positive Control[4]	317 ± 26.9	171 ± 20.5
Positive Control[5]		

Experiment Number: **730645**

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

G06: Ames Summary Data

Test Compound: **Triphenyl phosphite**

CAS Number: **101-02-0**

Date Report Requested: **09/12/2018**

Time Report Requested: **20:06:39**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	12 ± 0.9	23 ± 2.8	16 ± 3.8	37 ± 1.9	16 ± 2.1
100.0	13 ± 0.6	20 ± 1.2	21 ± 2.6	34 ± 2.2	17 ± 1.7
333.0	11 ± 3.0	21 ± 4.6	26 ± 1.2	43 ± 2.3	24 ± 5.8
1000.0	15 ± 0.0[p]	20 ± 2.3	22 ± 1.2[p]	42 ± 4.3	21 ± 2.0[p]
3333.0	13 ± 1.3[p]	22 ± 0.0[p]	21 ± 2.5[p]	31 ± 0.9[p]	18 ± 0.7[p]
10000.0	12 ± 0.6[p]	26 ± 3.9[p]	16 ± 3.8[p]	28 ± 5.5[p]	14 ± 1.2[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			1326 ± 86.7	521 ± 3.5	1067 ± 229.6
Positive Control[6]	191 ± 4.2	679 ± 34.7			

Experiment Number: **730645**

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

G06: Ames Summary Data

Test Compound: **Triphenyl phosphite**

CAS Number: **101-02-0**

Date Report Requested: **09/12/2018**

Time Report Requested: **20:06:39**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	26 ± 1.7
100.0	27 ± 1.2
333.0	22 ± 1.5
1000.0	23 ± 1.9
3333.0	19 ± 1.2[p]
10000.0	24 ± 0.9[p]
Trial Summary	Negative
Positive Control[2]	1411 ± 48.2
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: 2.0 ug/Plate 2-Aminoanthracene
5: 33.0 ug/Plate 9-Aminoacridine
6: 3.3 ug/Plate 4-Nitro-O-Phenylenediamine
p: Precipitate

** END OF REPORT **