Experiment Number: **121422**

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

G06: Ames Summary Data

Test Compound: **Bisphenol A**

CAS Number: **80-05-7**

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

Time Report Requested: **01:58:29**

NTP Study Number: 121422

Study Result: Negative

Experiment Number: **121422**

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

G06: Ames Summary Data

Test Compound: **Bisphenol A**

CAS Number: **80-05-7**

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

Time Report Requested: **01:58:29**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	103 ± 7.0	82 ± 7.4	87 ± 3.6	85 ± 4.7	129 ± 9.9
3.0	98 ± 3.5	85 ± 3.8	107 ± 5.2	101 ± 5.0	140 ± 7.8
10.0	112 ± 6.4	82 ± 2.6	115 ± 14.3	84 ± 2.3	151 ± 5.8
30.0	114 ± 8.4	80 ± 7.7	119 ± 9.3	103 ± 3.0	143 ± 2.6
100.0	89 ± 3.3	89 ± 1.2	120 ± 8.8	88 ± 10.2	148 ± 1.0
300.0	48 ± 23.5[s]	69 ± 5.3[s]	79 ± 8.2[s]	86 ± 0.7[s]	135 ± 10.0[s]
Trial Summary	Negative	Negative	Equivocal	Negative	Negative
Positive Control[2]					3627 ± 181.8
Positive Control[3]			1516 ± 38.4	1587 ± 64.5	
Positive Control[4]	1995 ± 77.9	1367 ± 28.8			

Experiment Number: **121422**

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

G06: Ames Summary Data

Test Compound: **Bisphenol A**

CAS Number: **80-05-7**

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

Time Report Requested: **01:58:29**

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	92 ± 1.8
3.0	87 ± 5.0
10.0	83 ± 4.1
30.0	87 ± 5.0
100.0	97 ± 6.7
300.0	59 ± 9.3[s]
Trial Summary	Negative
Positive Control[2]	2350 ± 145.5
Positive Control[3]	
Positive Control[4]	

Experiment Number: **121422**

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

G06: Ames Summary Data

Test Compound: **Bisphenol A**

CAS Number: **80-05-7**

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

Time Report Requested: **01:58:29**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	18 ± 3.5	25 ± 4.1	15 ± 1.9	8 ± 1.3	12 ± 1.5
3.0	18 ± 0.9	23 ± 3.5	13 ± 0.9	8 ± 0.7	14 ± 2.3
10.0	19 ± 2.9	24 ± 1.7	10 ± 2.4	12 ± 1.2	16 ± 1.5
30.0	19 ± 2.3	22 ± 1.0	15 ± 4.5	9 ± 0.9	17 ± 1.2
100.0	19 ± 1.8	20 ± 3.5	12 ± 1.2	9 ± 3.2	18 ± 2.8
300.0	9 ± 4.0[s]	12 ± 0.6[s]	8 ± 2.1[s]	5 ± 1.0[s]	13 ± 1.7[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					143 ± 17.9
Positive Control[3]			82 ± 5.5	60 ± 3.5	
Positive Control[4]	1305 ± 40.0	1063 ± 50.0			

Experiment Number: **121422**

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

G06: Ames Summary Data

Test Compound: **Bisphenol A**

CAS Number: **80-05-7**

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

Time Report Requested: **01:58:29**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	9 ± 1.2
3.0	7 ± 1.5
10.0	9 ± 0.9
30.0	9 ± 0.7
100.0	10 ± 1.2
300.0	8 ± 0.3[s]
Trial Summary	Negative
Positive Control[2]	162 ± 5.2
Positive Control[3]	
Positive Control[4]	

Experiment Number: **121422**

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

G06: Ames Summary Data

Test Compound: **Bisphenol A**

CAS Number: **80-05-7**

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

Time Report Requested: **01:58:29**

Strain: TA1537

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	7 ± 2.0	9 ± 2.6	10 ± 1.5	6 ± 0.9
3.0	8 ± 0.6	6 ± 1.2	7 ± 2.0	12 ± 1.2	14 ± 3.5
10.0	8 ± 1.8	6 ± 0.6	11 ± 1.5	11 ± 0.6	9 ± 1.8
30.0	7 ± 1.2	6 ± 0.7	6 ± 0.7	12 ± 2.0	7 ± 1.2
100.0	6 ± 0.9	9 ± 1.9	11 ± 0.7	11 ± 0.0	11 ± 1.5
300.0	Toxic	5 ± 1.5[s]	7 ± 1.0[s]	6 ± 0.3[s]	7 ± 0.7[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					358 ± 15.6
Positive Control[3]			69 ± 6.5	148 ± 7.5	
Positive Control[5]	65 ± 3.8	110 ± 17.3			

Experiment Number: **121422**

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

G06: Ames Summary Data

Test Compound: **Bisphenol A**

CAS Number: **80-05-7**

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

Time Report Requested: **01:58:29**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	8 ± 2.1
3.0	7 ± 0.9
10.0	10 ± 1.0
30.0	7 ± 0.9
100.0	9 ± 2.6
300.0	9 ± 4.2[s]
Trial Summary	Negative
Positive Control[2]	317 ± 25.5
Positive Control[3]	
Positive Control[5]	

Experiment Number: **121422**

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

G06: Ames Summary Data

Test Compound: **Bisphenol A**

CAS Number: **80-05-7**

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

Time Report Requested: **01:58:29**

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 ± 2.4	13 ± 3.5	23 ± 1.2	24 ± 1.2	36 ± 1.5
3.0	15 ± 2.7	15 ± 1.0	23 ± 0.7	26 ± 0.9	36 ± 5.5
10.0	15 ± 0.7	16 ± 2.3	25 ± 1.5	25 ± 0.3	29 ± 2.6
30.0	21 ± 2.0	17 ± 1.2	28 ± 0.9	19 ± 3.1	32 ± 2.9
100.0	18 ± 1.5	15 ± 1.9	21 ± 2.3	26 ± 2.0	34 ± 4.1
300.0	Toxic	9 ± 2.5[s]	19 ± 1.5[s]	23 ± 1.2[s]	24 ± 2.5[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					2974 ± 112.2
Positive Control[3]			1120 ± 27.6	1332 ± 111.1	
Positive Control[6]	1399 ± 43.7	1208 ± 89.6			

Experiment Number: **121422**

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

G06: Ames Summary Data

Test Compound: **Bisphenol A**

CAS Number: **80-05-7**

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

Time Report Requested: **01:58:29**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	22 ± 1.5
3.0	25 ± 2.5
10.0	26 ± 1.9
30.0	25 ± 1.5
100.0	28 ± 1.3
300.0	15 ± 4.0[s]
Trial Summary	Negative
Positive Control[2]	2389 ± 188.7
Positive Control[3]	
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: 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
s: Slight Toxicity

** END OF REPORT **