

Experiment Number: **680342**

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: **06:51:14**

NTP Study Number:

680342

Study Result:

Negative

Experiment Number: 680342

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: 06:51:14

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	98 ± 6.4	89 ± 5.5	98 ± 0.9	73 ± 5.2	82 ± 3.0
3.3	110 ± 5.0	104 ± 15.2	112 ± 12.5	73 ± 2.0	103 ± 4.2
10.0	96 ± 5.6	89 ± 10.1	111 ± 2.4	88 ± 10.5	110 ± 12.1
33.3	93 ± 6.6	97 ± 7.2	121 ± 8.0	100 ± 4.4	106 ± 2.9
100.0	100 ± 1.8	91 ± 5.7	107 ± 3.7	76 ± 3.7	104 ± 4.0
333.3	Toxic	104 ± 10.0 ^s	71 ± 8.2 ^s	62 ± 9.3 ^s	94 ± 9.5
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			451 ± 31.9	877 ± 45.1	1255 ± 9.0
Positive Control ³	465 ± 16.3	494 ± 8.4			

Experiment Number: 680342
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: 06:51:14

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	98 ± 10.5
3.3	92 ± 6.9
10.0	97 ± 4.4
33.3	98 ± 7.8
100.0	108 ± 1.5
333.3	102 ± 7.6
Trial Summary	Negative
Positive Control ²	1215 ± 16.4
Positive Control ³	

Experiment Number: 680342

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: 06:51:14

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	15 ± 1.8	19 ± 3.2	8 ± 1.2	4 ± 1.0	10 ± 2.7
3.3	13 ± 2.9	21 ± 1.9	8 ± 4.1	14 ± 2.0	8 ± 0.3
10.0	21 ± 5.8	20 ± 3.8	8 ± 0.9	9 ± 1.5	14 ± 0.6
33.3	12 ± 1.3	23 ± 6.3	5 ± 0.7	7 ± 1.2	7 ± 1.2
100.0	18 ± 3.1	18 ± 1.9	11 ± 2.6	12 ± 0.9	5 ± 0.9
333.3	Toxic	15 ± 0.0 ^s	6 ± 1.2 ^s	7 ± 1.3 ^s	12 ± 0.9
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ³	408 ± 12.4	484 ± 9.2			
Positive Control ⁴			160 ± 7.9	191 ± 28.3	194 ± 10.8

Experiment Number: 680342
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: 06:51:14

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	15 ± 1.8
3.3	10 ± 1.5
10.0	12 ± 2.0
33.3	12 ± 2.6
100.0	11 ± 2.9
333.3	13 ± 1.8
Trial Summary	Negative
Positive Control ³	
Positive Control ⁴	458 ± 3.3

Experiment Number: 680342

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: 06:51:14

Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	6 ± 1.7	13 ± 2.1	10 ± 3.6	5 ± 0.3	12 ± 3.2
3.3	8 ± 1.7	16 ± 1.8	11 ± 2.8	7 ± 0.7	13 ± 3.6
10.0	7 ± 1.5	19 ± 0.6	13 ± 2.6	8 ± 2.1	14 ± 1.2
33.3	6 ± 2.7	22 ± 3.9	12 ± 2.0	10 ± 3.0	13 ± 0.6
100.0	8 ± 2.2	16 ± 1.5	13 ± 2.9	14 ± 0.3	15 ± 1.5
333.3	Toxic	9 ± 2.4 ^s	2 ± 0.9 ^s	5 ± 2.1 ^s	15 ± 1.2
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ⁴			26 ± 4.3	244 ± 10.5	38 ± 0.9
Positive Control ⁵	97 ± 9.1	697 ± 292.4			

Experiment Number: 680342
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: 06:51:14

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	33 ± 1.8
3.3	24 ± 3.0
10.0	24 ± 4.2
33.3	29 ± 5.2
100.0	26 ± 2.6
333.3	20 ± 4.8
Trial Summary	Negative
Positive Control ⁴	245 ± 7.5
Positive Control ⁵	

Experiment Number: 680342

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: 06:51:14

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	18 ± 1.7	23 ± 3.4	34 ± 2.8	24 ± 4.4	32 ± 2.8
3.3	24 ± 3.8	27 ± 0.7	27 ± 1.2	31 ± 3.8	28 ± 7.0
10.0	23 ± 3.1	26 ± 3.3	28 ± 2.5	22 ± 2.4	29 ± 2.3
33.3	26 ± 3.8	19 ± 0.6	30 ± 1.7	26 ± 0.6	30 ± 2.0
100.0	24 ± 2.9	23 ± 4.8	25 ± 3.8	34 ± 2.7	30 ± 4.4
333.3	Toxic	13 ± 6.1 ^s	12 ± 1.8 ^s	19 ± 3.8 ^s	27 ± 4.5
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			268 ± 24.9	956 ± 33.1	855 ± 24.7
Positive Control ⁶	561 ± 11.4	615 ± 9.0			

Experiment Number: 680342
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: 06:51:14

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	41 ± 4.5
3.3	35 ± 4.2
10.0	27 ± 1.9
33.3	28 ± 1.2
100.0	28 ± 1.2
333.3	32 ± 1.9
Trial Summary	Negative
Positive Control ²	1397 ± 41.3
Positive Control ⁶	

Experiment Number: 680342

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: 06:51:14

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: Dimethyl Sulfoxide

2: 1.0 ug/Plate 2-Aminoanthracene

3: 1.0 ug/Plate Sodium Azide

4: 2.5 ug/Plate 2-Aminoanthracene

5: 50.0 ug/Plate 9-Aminoacridine

6: 5.0 ug/Plate 4-Nitro-O-Phenylenediamine

s: Slight Toxicity

** END OF REPORT **