

Experiment Number: 441712

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

**G06: Ames Summary Data**

Test Compound: **Bisphenol A**

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

Date Report Requested: **09/10/2018**

Time Report Requested: **21:49:26**

**NTP Study Number:**

441712

**Study Result:**

Negative

Experiment Number: 441712

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Bisphenol A

CAS Number: 80-05-7

Date Report Requested: 09/10/2018

Time Report Requested: 21:49:26

**Strain: TA100**

<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>	<b>With 10% Rat S9</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	78 ± 4.6	94 ± 8.1	111 ± 14.0	164 ± 42.5	132 ± 8.9
0.33	86 ± 2.1	112 ± 8.3	125 ± 3.7	153 ± 11.3	162 ± 2.7
1.0	91 ± 4.8	102 ± 6.1	120 ± 10.6	164 ± 19.4	145 ± 2.0
3.3	99 ± 1.9	109 ± 6.8	124 ± 5.2	169 ± 17.1	150 ± 3.4
10.0	103 ± 11.0	116 ± 10.3	125 ± 3.3	168 ± 16.6	161 ± 13.8
33.0	96 ± 3.5	109 ± 3.8	121 ± 13.4	175 ± 22.4	150 ± 11.1
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			317 ± 20.2	570 ± 14.5	716 ± 64.7
Positive Control <sup>3</sup>	412 ± 19.6	554 ± 29.1			

Experiment Number: 441712  
Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

G06: Ames Summary Data  
Test Compound: Bisphenol A  
CAS Number: 80-05-7

Date Report Requested: 09/10/2018  
Time Report Requested: 21:49:26

---

Strain: TA100

---

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control <sup>1</sup>	144 ± 10.2
0.33	183 ± 4.7
1.0	161 ± 5.4
3.3	163 ± 7.5
10.0	160 ± 8.2
33.0	156 ± 11.1
Trial Summary	Negative
Positive Control <sup>2</sup>	1116 ± 55.7
Positive Control <sup>3</sup>	

Experiment Number: 441712

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity**G06: Ames Summary Data**

Test Compound: Bisphenol A

CAS Number: 80-05-7

Date Report Requested: 09/10/2018

Time Report Requested: 21:49:26

**Strain: TA1535**

<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>	<b>With 10% Rat S9</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	10 ± 2.3	6 ± 2.0	12 ± 0.9	8 ± 2.6	9 ± 2.3
0.33	11 ± 2.6	4 ± 1.7	11 ± 3.2	5 ± 0.9	9 ± 2.3
1.0	8 ± 2.5	5 ± 0.3	10 ± 1.0	5 ± 1.5	15 ± 4.0
3.3	10 ± 1.2	6 ± 0.9	9 ± 1.3	4 ± 0.9	11 ± 1.2
10.0	11 ± 1.2	6 ± 0.6	10 ± 1.7	7 ± 0.3	10 ± 1.8
33.0	9 ± 0.9	4 ± 1.5	9 ± 0.7	6 ± 1.5	8 ± 0.9
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			29 ± 9.5	29 ± 5.8	59 ± 15.6
Positive Control <sup>3</sup>	341 ± 28.8	304 ± 19.6			

Experiment Number: 441712  
Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

G06: Ames Summary Data  
Test Compound: Bisphenol A  
CAS Number: 80-05-7

Date Report Requested: 09/10/2018  
Time Report Requested: 21:49:26

---

Strain: TA1535

---

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control <sup>1</sup>	5 ± 1.9
0.33	4 ± 1.2
1.0	9 ± 0.3
3.3	4 ± 1.2
10.0	4 ± 0.9
33.0	6 ± 1.0
Trial Summary	Negative
Positive Control <sup>2</sup>	64 ± 13.1
Positive Control <sup>3</sup>	

Experiment Number: 441712

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity**G06: Ames Summary Data**

Test Compound: Bisphenol A

CAS Number: 80-05-7

Date Report Requested: 09/10/2018

Time Report Requested: 21:49:26

**Strain: TA1537**

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	5 ± 0.3	4 ± 0.9	8 ± 0.3	6 ± 0.9	11 ± 1.2
0.33	13 ± 2.2	6 ± 2.3	13 ± 2.6	8 ± 1.0	11 ± 1.0
1.0	9 ± 0.7	6 ± 1.3	10 ± 1.2	8 ± 1.5	11 ± 1.5
3.3	8 ± 0.6	4 ± 0.9	14 ± 0.0	7 ± 2.3	14 ± 2.2
10.0	14 ± 3.5	4 ± 2.4	12 ± 1.5	8 ± 1.3	12 ± 1.2
33.0	9 ± 1.5	4 ± 1.5	11 ± 0.9	7 ± 0.3	13 ± 2.4
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			47 ± 5.9	20 ± 1.3	56 ± 4.1
Positive Control <sup>4</sup>	149 ± 23.7	130 ± 31.4			

Experiment Number: 441712  
Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

G06: Ames Summary Data  
Test Compound: Bisphenol A  
CAS Number: 80-05-7

Date Report Requested: 09/10/2018  
Time Report Requested: 21:49:26

---

Strain: TA1537

---

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control <sup>1</sup>	9 ± 0.9
0.33	7 ± 1.7
1.0	9 ± 0.0
3.3	8 ± 1.8
10.0	8 ± 1.5
33.0	7 ± 1.9
Trial Summary	Negative
Positive Control <sup>2</sup>	33 ± 10.8
Positive Control <sup>4</sup>	

Experiment Number: 441712

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: Bisphenol A

CAS Number: 80-05-7

Date Report Requested: 09/10/2018

Time Report Requested: 21:49:26

## Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	18 ± 1.7	13 ± 2.6	31 ± 1.0	24 ± 3.4	29 ± 1.7
0.33	21 ± 3.8	14 ± 1.0	37 ± 4.7	23 ± 3.2	29 ± 0.3
1.0	23 ± 3.2	14 ± 1.5	26 ± 2.3	22 ± 0.9	32 ± 1.5
3.3	19 ± 2.6	13 ± 1.2	27 ± 0.3	20 ± 1.2	26 ± 3.2
10.0	19 ± 0.9	12 ± 1.5	31 ± 2.2	26 ± 1.2	30 ± 2.1
33.0	16 ± 0.7	11 ± 1.5	30 ± 4.3	28 ± 3.6	26 ± 3.0
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			356 ± 24.5	254 ± 16.2	659 ± 41.2
Positive Control <sup>5</sup>	329 ± 32.5	425 ± 33.2			



Experiment Number: 441712  
Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

G06: Ames Summary Data  
Test Compound: Bisphenol A  
CAS Number: 80-05-7

Date Report Requested: 09/10/2018  
Time Report Requested: 21:49:26

---

Strain: TA98

---

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control <sup>1</sup>	27 ± 3.1
0.33	25 ± 1.5
1.0	30 ± 0.3
3.3	19 ± 2.6
10.0	26 ± 1.5
33.0	19 ± 2.4
Trial Summary	Negative
Positive Control <sup>2</sup>	697 ± 84.0
Positive Control <sup>5</sup>	

Experiment Number: 441712  
Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**  
Test Compound: Bisphenol A  
CAS Number: 80-05-7

Date Report Requested: 09/10/2018  
Time Report Requested: 21:49:26

### 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: 3.3 ug/Plate Sodium Azide
- 4: 33.0 ug/Plate 9-Aminoacridine
- 5: 3.3 ug/Plate 4-Nitro-O-Phenylenediamine

**\*\* END OF REPORT \*\***