

Experiment Number: **G20033**

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

G06: Ames Summary Data

Test Compound: **Tetrabromobisphenol A**

CAS Number: **79-94-7**

Date Report Requested: **09/16/2018**

Time Report Requested: **04:17:03**

NTP Study Number:

G20033

Study Result:

Negative

Experiment Number: G20033

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 09/16/2018

Time Report Requested: 04:17:03

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	69 ± 2.7	87 ± 6.7	87 ± 1.2	91 ± 8.7
50.0	62 ± 1.5	59 ± 3.9		74 ± 3.1
100.0	54 ± 2.1	48 ± 3.6	85 ± 3.5	70 ± 2.3
250.0	37 ± 1.5 ^P	42 ± 6.7	68 ± 4.0	62 ± 7.2
500.0	37 ± 8.0 ^P	33 ± 5.2 ^P	55 ± 2.6	43 ± 3.8
1000.0	14 ± 0.3 ^X	26 ± 3.8 ^P	49 ± 3.2	52 ± 5.2
3000.0	20 ± 7.4 ^X	49 ± 2.6 ^P	33 ± 3.5 ^P	53 ± 7.5 ^P
6000.0			58 ± 6.0 ^P	
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ²	470 ± 9.6	524 ± 14.4		
Positive Control ³			491 ± 33.6	750 ± 21.3

Experiment Number: G20033
 Test Type: Genetic Toxicology - Bacterial
 Mutagenicity

G06: Ames Summary Data
 Test Compound: Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 09/16/2018
 Time Report Requested: 04:17:03

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	18 ± 4.1	20 ± 1.9	16 ± 1.7	23 ± 3.7
50.0	15 ± 0.9	21 ± 1.7		24 ± 4.1
100.0	11 ± 0.9	16 ± 2.5	24 ± 2.9	23 ± 3.8
250.0	13 ± 0.9	13 ± 2.0	18 ± 3.5	21 ± 0.9
500.0	6 ± 0.9 ^P	12 ± 1.2 ^P	15 ± 0.9	15 ± 0.6
1000.0	9 ± 1.8 ^P	9 ± 3.5 ^P	14 ± 2.3	21 ± 1.8
3000.0	8 ± 0.9 ^P	12 ± 5.1 ^P	8 ± 0.9 ^P	12 ± 0.6 ^P
6000.0			8 ± 0.3 ^P	
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ⁴			1078 ± 55.3	1878 ± 79.4
Positive Control ⁵	528 ± 30.6	629 ± 17.2		

Experiment Number: G20033

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 09/16/2018

Time Report Requested: 04:17:03

Strain: E. coli WP2 uvrA pKM101

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	138 ± 8.0	128 ± 7.7	187 ± 10.6	118 ± 6.0
50.0		166 ± 13.4		119 ± 5.0
100.0	112 ± 2.0	155 ± 13.0	165 ± 4.4	113 ± 9.3
250.0	114 ± 3.5 ^P	161 ± 9.0	184 ± 12.6	103 ± 10.7
500.0	112 ± 15.4 ^P	127 ± 27.0	159 ± 5.8	121 ± 11.6
1000.0	95 ± 4.3 ^P	102 ± 4.2	131 ± 2.8	78 ± 5.9 ^P
3000.0	120 ± 9.3 ^P	94 ± 7.9 ^P	117 ± 8.0 ^P	98 ± 8.3 ^P
6000.0	143 ± 2.2 ^P		122 ± 9.3 ^P	
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ⁶	1450 ± 73.1	1123 ± 64.9		
Positive Control ⁷			1286 ± 39.0	1399 ± 20.2

Experiment Number: **G20033**
Test Type: **Genetic Toxicology - Bacterial Mutagenicity**

G06: Ames Summary Data
Test Compound: **Tetrabromobisphenol A**
CAS Number: **79-94-7**

Date Report Requested: **09/16/2018**
Time Report Requested: **04:17:03**

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 Sodium Azide

3: 2.0 ug/Plate Other Positive Control

4: 2.0 ug/Plate 2-Aminoanthracene

5: 3.0 ug/Plate 2-Nitrofluorene

6: 0.25 ug/Plate Other Positive Control

7: 20.0 ug/Plate 2-Aminoanthracene

p: Precipitate

x: Slight Toxicity and Precipitate

**** END OF REPORT ****