

Experiment Number: A44427

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)

CAS Number: 21850-44-2

Date Report Requested: 09/17/2018

Time Report Requested: 00:43:20

NTP Study Number:

A44427

Study Result:

Negative

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Strain: TA100

Dose (ug/Plate)	Without S9	With 10% Rat S9
Vehicle Control ¹	146 ± 7.7	138 ± 6.1
100.0	146 ± 10.7	137 ± 6.5
333.0	145 ± 6.4	100 ± 11.0
1000.0	160 ± 8.3 ^P	131 ± 8.5 ^P
3333.0	193 ± 13.9 ^X	158 ± 6.7 ^X
10000.0	186 ± 4.2 ^X	145 ± 7.7 ^X
Trial Summary	Negative	Negative
Positive Control ²	534 ± 32.9	
Positive Control ³		759 ± 26.7

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CAS Number: 21850-44-2

Strain: TA98

Dose (ug/Plate)	Without S9	With 10% Rat S9
Vehicle Control ¹	14 ± 1.8	23 ± 0.3
100.0	14 ± 0.3	22 ± 3.0
333.0	14 ± 1.9	23 ± 1.3
1000.0	16 ± 1.5 ^P	29 ± 1.5 ^P
3333.0	15 ± 2.6 ^X	23 ± 3.8 ^X
10000.0	15 ± 0.7 ^X	23 ± 4.5 ^X
Trial Summary	Negative	Negative
Positive Control ⁴		488 ± 34.2
Positive Control ⁵	78 ± 7.4	

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CAS Number: 21850-44-2

Time Report Requested: 00:43:20

Strain: TA102

Dose (ug/Plate)	Without S9	With 10% Rat S9
Vehicle Control ¹	332 ± 24.4	397 ± 20.3
100.0	357 ± 21.9	380 ± 12.0
333.0	302 ± 19.3	399 ± 1.7
1000.0	302 ± 6.2	345 ± 8.0
3333.0	264 ± 10.5 ^P	343 ± 14.1 ^P
10000.0	304 ± 8.7 ^P	391 ± 11.7 ^P
Trial Summary	Negative	Negative
Positive Control ⁶		1626 ± 24.5
Positive Control ⁷	999 ± 16.3	

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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: 0.5 ug/Plate Sodium Azide

3: 0.75 ug/Plate 2-Aminoanthracene

4: 0.4 ug/Plate 2-Aminoanthracene

5: 1.0 ug/Plate Other Positive Control

6: 10.0 ug/Plate Sterigmatocystin

7: 75.0 ug/Plate Other Positive Control

p: Precipitate

x: Slight Toxicity and Precipitate

**** END OF REPORT ****