

Experiment Number: **A34210**

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

G06: Ames Summary Data

Test Compound: **Bromochloroacetic acid**

CAS Number: **5589-96-8**

Date Report Requested: **09/18/2018**

Time Report Requested: **09:41:59**

NTP Study Number:

A34210

Study Result:

Positive

Experiment Number: A34210

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Bromochloroacetic acid

CAS Number: 5589-96-8

Date Report Requested: 09/18/2018

Time Report Requested: 09:41:59

Strain: TA100				
Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	168 ± 1.5	165 ± 5.5	146 ± 24.8	149 ± 12.8
10.0	154 ± 1.5	174 ± 6.1		
50.0	193 ± 13.1	193 ± 4.6		
100.0	182 ± 5.3	174 ± 14.3		
250.0	152 ± 14.6	156 ± 7.7		
500.0	58 ± 5.4	54 ± 5.9		
1000.0			236 ± 7.9	216 ± 4.5
2500.0			318 ± 12.1	318 ± 18.4
5000.0			330 ± 10.7	331 ± 7.7
7500.0			234 ± 7.0	205 ± 3.8
10000.0			5 ± 3.3	15 ± 4.3
Trial Summary	Negative	Negative	Positive	Positive
Positive Control ²	558 ± 7.0	621 ± 18.5		
Positive Control ³			367 ± 7.5	449 ± 30.4

Experiment Number: A34210

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Bromochloroacetic acid

CAS Number: 5589-96-8

Date Report Requested: 09/18/2018

Time Report Requested: 09:41:59

Strain: E. coli WP2 uvrA pKM101

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	293 ± 5.8	278 ± 6.1	278 ± 13.6	265 ± 8.5
10.0	312 ± 10.9	308 ± 6.9		
50.0	284 ± 3.8	286 ± 7.9		
100.0	281 ± 2.1	277 ± 6.7		
250.0	315 ± 5.0	312 ± 3.5		
500.0	76 ± 4.7	75 ± 4.9		
1000.0			291 ± 13.6	304 ± 4.9
2500.0			315 ± 3.4	355 ± 12.9
5000.0			358 ± 13.3	305 ± 10.9
7500.0			281 ± 40.5	304 ± 5.6
10000.0			2 ± 0.6	34 ± 11.3
Trial Summary	Negative	Negative	Negative	Equivocal
Positive Control ⁴			554 ± 16.9	612 ± 20.1
Positive Control ⁵	869 ± 10.7	873 ± 2.0		

Experiment Number: **A34210**
Test Type: **Genetic Toxicology - Bacterial**
Mutagenicity

G06: Ames Summary Data
Test Compound: **Bromochloroacetic acid**
CAS Number: **5589-96-8**

Date Report Requested: **09/18/2018**
Time Report Requested: **09:41:59**

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: 2.5 ug/Plate 2-Aminoanthracene
- 4: 20.0 ug/Plate 2-Aminoanthracene
- 5: 4000.0 ug/Plate Methyl Methane Sulfonate

**** END OF REPORT ****