Experiment Number: **A99461**

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

G06: Ames Summary Data

Test Compound: **Chlorhexidine acetate**

CAS Number: **56-95-1**

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

Time Report Requested: **11:10:28**

NTP Study Number: A99461

Study Result: Negative

Experiment Number: **A99461**

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

G06: Ames Summary Data

Test Compound: **Chlorhexidine acetate**

CAS Number: **56-95-1**

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

Time Report Requested: **11:10:28**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control[1]	84 ± 5.0	73 ± 6.6	70 ± 4.0	70 ± 8.7
0.1	85 ± 2.4	65 ± 2.4		
0.2	65 ± 6.4	58 ± 3.2		
0.5	68 ± 4.4	55 ± 7.4		
1.0	49 ± 2.9	47 ± 8.8		
2.5	24 ± 2.3	21 ± 2.9	71 ± 4.1	65 ± 5.9
5.0	Toxic	2 ± 0.6	68 ± 2.3	63 ± 2.0
10.0			69 ± 7.7	69 ± 2.9
20.0			69 ± 3.1	64 ± 4.7
40.0			58 ± 3.9	41 ± 1.8
50.0			24 ± 3.3	15 ± 1.5
Trial Summary	Negative	Negative	Negative	Negative
Positive Control[2]	380 ± 10.4	361 ± 11.1		
Positive Control[3]			1091 ± 11.0	1210 ± 20.0

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G06: Ames Summary Data

Test Compound: **Chlorhexidine acetate**

CAS Number: **56-95-1**

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

Time Report Requested: **11:10:28**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control[1]	27 ± 0.9	25 ± 1.0	25 ± 1.9	27 ± 2.0
0.1	24 ± 2.3	25 ± 2.7		
0.2	25 ± 2.4	25 ± 1.8		
0.5	28 ± 0.3	23 ± 2.7		
1.0	14 ± 0.9	29 ± 2.7		
2.5	Toxic	4 ± 1.2	25 ± 1.5	31 ± 2.4
5.0	Toxic	Toxic	25 ± 3.5	23 ± 1.3
10.0			27 ± 1.0	23 ± 2.4
20.0			21 ± 0.7	27 ± 3.6
40.0			35 ± 2.3	23 ± 0.7
50.0			11 ± 2.4	13 ± 4.1
Trial Summary	Negative	Negative	Negative	Negative
Positive Control[3]			517 ± 23.6	1196 ± 111.9
Positive Control[4]	323 ± 43.8	250 ± 15.9		

Experiment Number: **A99461**

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

G06: Ames Summary Data

Test Compound: **Chlorhexidine acetate**

CAS Number: **56-95-1**

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

Time Report Requested: **11:10:28**

Strain: E. coli WP2 uvrA pKM101

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control[1]	197 ± 8.5	212 ± 25.3	265 ± 11.0	222 ± 6.4
0.1	168 ± 6.4	185 ± 4.4		
0.2	153 ± 7.0	185 ± 3.6		
0.5	108 ± 7.3	157 ± 8.1		
1.0	81 ± 1.8	117 ± 7.2		
2.5	57 ± 8.5	103 ± 7.5	203 ± 6.8	222 ± 8.7
5.0	24 ± 5.3	38 ± 8.6	200 ± 8.3	236 ± 14.0
10.0			213 ± 9.8	216 ± 14.2
20.0			146 ± 12.9	189 ± 3.5
40.0			78 ± 17.8	101 ± 2.4
50.0			35 ± 12.3	37 ± 5.7
Trial Summary	Negative	Negative	Negative	Negative
Positive Control[5]			693 ± 13.5	902 ± 29.9
Positive Control[6]	1421 ± 69.9	1843 ± 51.5		

LEGEND

Values given as Mean or Mean ± 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: 5.0 ug/Plate 2-Nitrofluorene
5: 20.0 ug/Plate 2-Aminoanthracene
6: 4000.0 ug/Plate Methyl Methane Sulfonate

** END OF REPORT **