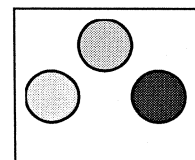


# Abbott Analytical



Consulting Scientists to the Disinfectant Industry

8th November 2006

## Certificate of Analysis

**Samples:** One sample of Steri7 received from Sentinel International Ltd, Unit 1 Batsworth Road, Mitcham, Surrey, CR4 3BX 31st October 2006

**Certificate No:** 06K.170.SEN

**Page:** 1 of 2

**Sample Ref:** 6k / 170

**Analysis Required:** BS EN 13697 Quantitative Non-porous surface test for evaluation of bactericidal activity of chemical disinfectants.

**Samples Tested:** 6th November 2006

Product stored at room temperature in the dark.

Active substance: Not declared.

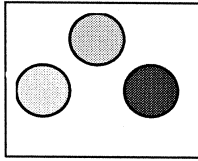
Batch Number:

Experimental conditions:

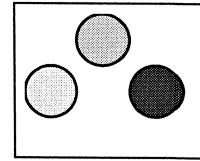
Product test concentrations	- 10% v/v
Contact time	- 5 min
Test Temperature	- 20°C $\pm$ 0.5°C
Interfering substance	- 3.0g/l Bovine albumin
Neutralising solution	- 3% Tween 80, 3% Saponin, 0.1% Histidine, 0.1% Cysteine
Temperature of incubation	- 30°C $\pm$ 1°C

Identification of bacterial strains used - *Pseudomonas aeruginosa* ATCC 15442  
*Escherichia coli* NCTC 10418  
*Staphylococcus aureus* NCTC 6571  
*Enterococcus hirae* ATCC 8043

D C Watson



# Abbott Analytical



Consulting Scientists to the Disinfectant Industry

9th November 2006

Certificate No 06k.170.SEN

Page 2 of 2

## Test Results

Validation test	<i>Pseudomonas aeruginosa</i>	<i>Escherichia coli</i>	<i>Staphylococcus aureus</i>	<i>Enterococcus hirae</i>
Bacterial suspension	Vc 184, 166 Nv $1.75 \times 10^3$	Vc 154, 138 Nv $1.46 \times 10^3$	Vc 136, 147 Nv $1.41 \times 10^3$	Vc 212, 185 Nv $1.98 \times 10^3$
Neutraliser control	Vc 188, 196 B $1.92 \times 10^2$	Vc 158, 142 B $1.50 \times 10^2$	Vc 160, 146 B $1.53 \times 10^2$	Vc 208, 182 B $1.95 \times 10^2$
Dilution-neutralisation control	Vc 220, 186 C $2.03 \times 10^2$	Vc 182, 164 C $1.73 \times 10^2$	Vc 155, 136 C $1.45 \times 10^2$	Vc 230, 216 C $2.23 \times 10^2$
Surface innoculum	$10^{-6}$ 224 258 $10^{-7}$ 23 27 N $2.45 \times 10^8$	$10^{-6}$ 144 122 $10^{-7}$ 17 19 N $1.56 \times 10^8$	$10^{-6}$ 208 162 $10^{-7}$ 14 18 N $1.72 \times 10^8$	$10^{-6}$ 200 246 $10^{-7}$ 18 23 N $2.14 \times 10^8$
Test results				
1 : 10	Vc 0	0	0	0
Na	<100	<100	<100	<100
R	> $2.45 \times 10^6$	> $1.56 \times 10^6$	> $1.72 \times 10^6$	> $2.14 \times 10^6$

Vc = Viable Count.

N = Number of cfu/ml of the bacterial test suspension.

Nv = Number of cfu in bacterial suspension.

R = Reduction in viability.

Na = Number of cfu/ml in the test mixture

Conclusion: According to EN13697 this batch of Steri 7 (sachet) disinfectant when diluted at 1:10 (v/v) in hard water possesses satisfactory bactericidal activity in 5 minutes at 20°C under dirty conditions (3.0g/l bovine albumin) for the reference organisms indicated.

D C Watson