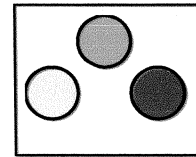


*Abbott Analytical*



Consulting Scientists to the Disinfectant Industry

1st November 2006

**Certificate of Analysis**

**Samples:** One sample of Steri7 spray received from Sentinel International Ltd, Unit 1 Batsworth Road, Mitcham, Surrey, CR4 3BX 13th September 2006

**Certificate No:** 06J.081sl.SEN

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**Sample Ref:** 6j / 081

**Analysis Required:** BS EN 1276 under dirty conditions after storage at 50°C for six weeks

**Samples Tested:** 30th October 2006

Product stored at room temperature in the dark.

Active substance: Not declared.

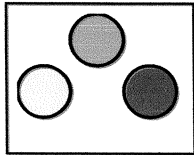
Batch Number: 05506C

Experimental conditions:

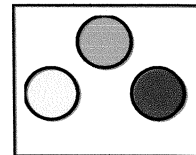
Product test concentrations	- Neat as received
Contact time	- 5 min
Test Temperature	- 20°C ± 0.5°C
Interfering substance	- 3.0g/l Bovine albumin
Neutralising solution	- 3% Tween 80, 3% Saponin, 0.1% Histidine, 0.1% Cysteine
Temperature of incubation	- 30°C ± 1°C

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

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## Test Results

Validation test	Pseudomonas aeruginosa	Escherichia coli	Staphylococcus aureus	Enterococcus hirae
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 $1.98 \times 10^3$
Experimental conditions	Vc 155, 186 A $1.70 \times 10^2$	Vc 174, 204 A $1.89 \times 10^2$	Vc 188, 162 A $1.75 \times 10^2$	Vc 258, 222 A $2.40 \times 10^2$
Neutraliser control	Vc 162, 188 B $1.75 \times 10^2$	Vc 166, 196 B $1.81 \times 10^2$	Vc 194, 212 B $2.03 \times 10^2$	Vc 252, 206 B $2.29 \times 10^2$
Dilution-neutralisation control	Vc 184, 200 C $1.92 \times 10^2$	Vc 175, 193 C $1.84 \times 10^2$	Vc 205, 167 C $1.86 \times 10^2$	Vc 237, 244 C $2.40 \times 10^2$
Bacterial Test Suspension	$10^{-6}$ 424 456 $10^{-7}$ 38 36 N $4.05 \times 10^8$	$10^{-6}$ 318 336 $10^{-7}$ 22 18 N $2.63 \times 10^8$	$10^{-6}$ 178 154 $10^{-7}$ 23 17 N $1.83 \times 10^8$	$10^{-6}$ 212 256 $10^{-7}$ 37 29 N $2.82 \times 10^8$
Test results				
1 : 200	Vc 0 Na <100 R $>4.05 \times 10^6$	0 <100 $>2.63 \times 10^6$	0 <100 $>1.83 \times 10^6$	0 <100 $>2.82 \times 10^6$

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 EN1276 this batch of Steri 7 (spray) disinfectant when used neat as received possesses satisfactory bactericidal activity in 5 minutes at 20°C under dirty conditions (3.0g/l bovine albumin) for the reference organisms indicated after storage at 50°C for six weeks. This is an accelerated storage test and is equivalent to 12 months storage at room temperature of 20°C

  
D C Watson