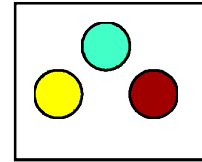


# Abbott Analytical



Consulting Scientists to the Disinfectant Industry

20th June 2008

## Certificate of Analysis

**Samples:** One sample of Teknon Biocleanse Concentrate received from Quadralene Ltd. Bateman Street, Derby. DE23 8JL 3rd June 2008

**Certificate No:** 08F.034.QAD

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**Sample Ref:** 8f / 034

**Analysis Required:** Activity against EN 13727 using *Stenotrophomonas maltophilia*.

**Samples Tested:** 18th June 2008

Product stored at room temperature in the dark.  
Active substance: Not declared.

Experimental conditions:

Product test concentrations - 5% v/v

Contact time - 1 min and 5 min

Test Temperature - 20°C  $\pm$  0.5°C

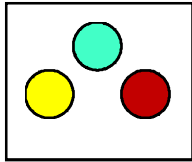
Interferring substance - 3.0g/l Bovine albumin serum  
3.0ml/l Sheep erythrocytes

Neutralising solution - 3% Tween 80, 3% Saponin,  
0.1% Histidine, 0.1% Cysteine

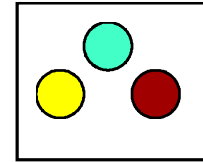
Temperature of incubation - 30°C  $\pm$  1°C

Identification of bacterial strain used - *Stenotrophomonas maltophilia* NCTC 13014

DC Watson



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## Test Results

Validation test	Stenotrophomonas maltophilia
Bacterial suspension	Vc 234, 292 Nv $2.63 \times 10^3$
Experimental conditions	Vc 178, 146 A $1.62 \times 10^2$
Neutraliser control	Vc 200, 158 B $1.79 \times 10^2$
Dilution-neutralisation control	Vc 144, 178 C $1.61 \times 10$
Bacterial Test Suspension	$10^{-6}$ 134 155 $10^{-7}$ 17 27 N $1.82 \times 10^8$
1 minute	37 3700 $4.92 \times 10^4$
5 minutes	0 <100 $>1.82 \times 10^6$

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 EN13727 this batch of Biocleanse Concentrate when diluted 1 : 20 in sterile hard water possesses satisfactory bactericidal activity in 5 minutes at 20°C for the reference organism detailed.

D C Watson