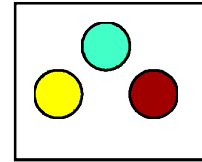


Abbott Analytical



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

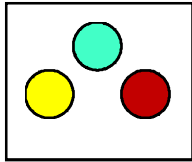
Interferring substance - 3.0g/l Bovine albumin serum
3.0ml/l Sheep erythrocytes

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

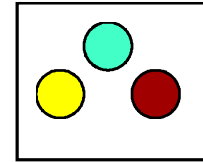
Temperature of incubation - 30°C \pm 1°C

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 2.63×10^3
Experimental conditions	Vc 178, 146 A 1.62×10^2
Neutraliser control	Vc 200, 158 B 1.79×10^2
Dilution-neutralisation control	Vc 144, 178 C 1.61×10
Bacterial Test Suspension	10^{-6} 134 155 10^{-7} 17 27 N 1.82×10^8
1 minute	37 3700 4.92×10^4
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