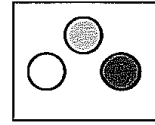


*Abbott Analytical*



Consulting Scientists to the Disinfectant Industry

4th April 2008

**Certificate of Analysis**

**Samples:** One sample of Sanisafe received from Allied Hygiene Ltd., Unit 11, Belvedere Industrial Estate. Fishers Way, Belvedere, Kent. DA17 6BS 4th March 2008

**Certificate No:** 08C.010.APP

**Page:** 1 of 1

**Sample Ref:** 8c / 010

**Analysis Required:** EN 1650 Quantitative suspension test for the evaluation of Fungicidal activity of chemical disinfectants.

**Samples Tested:** 31st March 2008

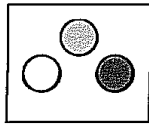
Product stored at room temperature in the dark.

Experimental conditions:

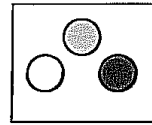
Product test concentrations	- Neat as received
Contact time	- 15 min
Test Temperature	- 20°C ± 0.5°C
Interfering substance	- 3.0g/l Bovine albumin
Neutralising solution	- 3% Tween 80, 3% Saponin, 0.1% Histidine, 0.1% Cysteine
Temperature of incubation	- 30°C ± 1°C
Identification of fungal strains used	- Aspergillus niger NCTC 2275 Candida albicans NCTC 3179

D C Watson

ACCEPTED FOR ANALYSIS



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## Test Results

Validation test	Aspergillus niger	Candida albicans
Fungal suspension	Vc 112, 148 Nv $1.30 \times 10^3$	Vc 224, 312 Nv $2.68 \times 10^3$
Experimental conditions	Vc 108, 152 A $1.30 \times 10^3$	Vc 244, 265 A $2.54 \times 10^3$
Neutraliser control	Vc 116, 154 B $1.35 \times 10^3$	Vc 232, 250 B $2.41 \times 10^3$
Dilution-neutralisation control	Vc 100, 136 C $1.18 \times 10^3$	Vc 260, 236 C $2.48 \times 10^3$
Fungal Suspension Test	$10^{-6}$ 120 256 $10^{-7}$ 21 34 N $2.31 \times 10^8$	$10^{-6}$ 314 372 $10^{-7}$ 56 41 N $4.14 \times 10^8$
Test results		
Vc	16	5
Na	1600	500
R	$1.44 \times 10^5$	$8.28 \times 10^5$

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 EN1650 this batch of Sanisafe when used neat as received possesses satisfactory fungicidal activity in 15 minutes at 20°C under dirty conditions (3.0g/l bovine albumin) for the reference organisms detailed.