

BluScientific Test Data -1-

Test Report EN 1275. Chemical disinfectants and antiseptics - Basic fungicidal activity (phase 1).

Test Laboratory

BluScientific Test Data
School of Life Sciences
Glasgow Caledonian University
GLASGOW
G4 0BA

Identification of sample

Name of the product
Manufacturer

ASPERTICO
UNICO, NORT MAIN STREET, CARRONSHORE,
FALKIRK, SCOTLAND FK2 BHT.

Date of Delivery
Storage conditions
Product diluent
Active substances

21.6.2006
4°C and darkness
Hard Water
Not known.

Test Method and its validation

Method

Filtration-neutralization
Neutralizer: Lecithin 3g/l, Polysorbate 80 30g/l, sodium thiosulphate 5g/l, L-histidine 1g/l, phosphate buffer 0.0025mol/l, sterilized by autoclave.

Experimental Conditions

Period of analysis
Product diluent used
Product test concentrations
Appearance product dilutions
Contact time
Test temperature
Interfering substance
Stability of mixture
Temperature of incubation
Identification of strains

28th JULY 2006
Sterile synthetic hard water
20% V/V; 50% V/V; 80% V/V
Clear.
t = 5 min ± 10 s
20°C ± 1°C
0.3 g/l bovine albumin
No precipitation
37°C ± 1°C
Candida albicans ATCC 10231
Aspergillus niger ATCC 16404

Conclusion.

According to EN 1275, the ASPERTICO possesses fungicidal activity for the referenced strains *Candida albicans* ATCC 10231 and *Aspergillus niger* ATCC 16404 at the working concentration (20% V/V as tested). In order to qualify the product as an antiseptic and or chemical disinfectant for a defined purpose, it will be evaluated using additional standard tests which are appropriate to its intended use.

Signed

Dr Chris Woodall
Director, BluScientific Test Data
8TH SEPTEMBER 2006.

EN1275: ASPERTICO. UNICO LIMITED.

Test organism	Viable count			
	Fungal test suspension (see 5.4.1.4) (N)	Fungal Suspension Nv (see A.2)	Filtration control (Nx) (see A.4.1.2)	Filtration test control (Ny) (see A.4.1.2)
<i>Candida albicans</i> ATCC 10231	2.0×10^7	1.0×10^3	1.2×10^2	1.2×10^2
<i>Aspergillus niger</i> ATCC 16404	2.1×10^7	1.1×10^3	1.1×10^2	1.30×10^2
For the two strains tested: N is between 1.5×10^7 and 5.0×10^7 cfu/ml; Nv is between 6.0×10^2 and 3×10^3 cfu/ml; Nx is equal or greater than 0.05 Nv Ny is equal or greater than 0.05 Nv				
The neutralization is validated with the neutralizer tested for the test concentrations of 80% V/V of product as received and for the two strains tested.				

Test organism	Viable counts (cfu/ml) for test mixture (see 5.5.2.3)		
	Na at concentrations:		
	20.0% V/V	50.0% V/V	80.0% V/V
<i>Candida albicans</i> ATCC 10231	$<1.5 \times 10^2$	$<1.5 \times 10^2$	$<1.5 \times 10^2$
<i>Aspergillus niger</i> ATCC 16404	$<1.5 \times 10^2$	$<1.5 \times 10^2$	$<1.5 \times 10^2$
	Reduction in viability at test concentrations		
<i>Candida albicans</i> ATCC 10231	$>1.3 \times 10^4$	$>1.3 \times 10^4$	$>1.3 \times 10^4$
<i>Aspergillus niger</i> ATCC 16404	$>1.4 \times 10^4$	$>1.4 \times 10^4$	$>1.4 \times 10^4$