



TEST REPORT

Antibacterial and antifungal activity of powder BIOSCREEN C000C

Report IPL # NC/0380402

This test report concerns only the product submitted to the test.

Identification

Name and description: BIOSCREEN - C000C

Society: Société HBA – 24, rue St Jacques – 38000 GRENOBLE

Date of reception at laboratory: 02/04/2002

Storage conditions: room temperature

Method

2 a) Object

Prove the antibacterial and antifungal activity of the powder, towards 2 bacteria and 2 fungi

2 b) Procedure

Species tested

Bacteria: *Pseudomonas aeruginosa* ATCC 15442 – *Staphylococcus aureus* ATCC 6538

Fungi: *Candida albicans* ATCC 10231 – *Aspergillus niger* ATCC 16404

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Test:

- Weigh 5 concentrations of powder: 1 g; 0.75 g; 0.5 g; 0.25 g and 0.1 g
- Set down 3 ml of nutritive broth in each test tube with powder
- Add 3 ml of microorganism broth (approximately $10^6/\text{ml}$)
- Incubate 24 h at 37°C for bacteria and 24 h at 30°C for fungi

Interpretation:

The observation of clear test tube (lack of culture with different micro organisms) is impossible, because of the colour of powder.

Each test tube is isolated on nutritive agar and incubated in same conditions of test.

Results :

	Control	1 g	0.75 g	0.5 g	0.25 g	0.1 g
<i>Pseudomonas aeruginosa</i>	$10^6/\text{ml}$	0	0	0	0	+++
<i>Staphylococcus aureus</i>	$1.1.10^6/\text{ml}$	0	0	0	0	00

Conclusion :

The minimal inhibition concentration is:

Pseudomonas aeruginosa: 0.25 g / 6 ml, dilution: 4.2 %

Staphylococcus aureus: 0.1 g / 6 ml, dilution: 1.7 %

	Témoin	1 g	0,75 g	0,5 g	0,25 g	0,1 g
Candida albicans	10^4 /ml	0	0	0	0	0
Aspergillus niger	3.10^4 /ml	0	0	+	++	+++

Conclusion :

La concentration minima inhibitrice est de :

Candida albicans : 0,1 g / 6 ml, soit le produit dilué à 1,7 %

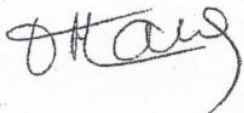
Aspergillus niger : 0,75 g / 6 ml, soit le produit dilué à 12,5 %

Conclusion générale :

La concentration minima inhibitrice de la poudre est de 12,5 % pour les 4 souches testées.

Responsable technique

F. MARSY



Lille, le 26 Avril 2002

Chef de service

Docteur C. KREMBEL

