

## Specification

Medium for the enumeration and cultivation of fungi (yeast, mold and dermatophytes).

## Presentation

20 Tubes / Slant  
Tube 16 x 113 mm  
with: 6,2 ± 0.2 ml

### Packaging Details

1 box with 20 tubes, 16x113 mm glass tubes, ink  
labelled and metal cap.

### Shelf Life

12 months

### Storage

8-25 °C

## Composition

Composition (g/l):

D(+)-Glucose.....	40.00
Peptone from casein .....	5.00
Meat Peptone.....	5.00
Cloranfenicol.....	0.50
Agar.....	15.00

## Description /Technique

### Description

This culture medium differs from the classical Sabouraud Agar only by the addition of chloramphenicol. This thermostable antibiotic has a broad antibacterial spectrum which ensures the selective isolation of fungi from highly contaminated clinical and not clinical samples.

### Technique:

To inoculate tubes follow the standard laboratory methods or the applicable norms: stab inoculation, loop inoculation etc.

Incubate the tubes right side up aerobically at 20-25°C for 48-72h until 5 days.

(Incubation times greater than those mentioned above or different incubation temperatures may be required depending on the sample, on the specifications, This medium can be inoculated directly or after treatment of the sample).

Each laboratory must evaluate the results according to their specifications.

The colonies that appeared on the surface, must be confirmed by further microbiological and biochemical tests:  
Dye hyphae and / or sporangium. Re-sinoculating in a more selective and differential medium, DTM Agar.

### Precautions for use:

For professional use only.

Do not use if the product is contaminated, broken, or spoiled.

### Precautions

For in vitro diagnostic use. Do not reuse. For professional use only.

Do not use the product if it shows evidence of microbial contamination, discoloration, drying, cracking or other signs of deterioration.

## Quality control

### Physical/Chemical control

Color : Straw-coloured yellow      pH: 5.6 ± 0.2 at 25°C

### Microbiological control

Isolation by loop spreading

Analytical methodology according to ISO 11133:2014/A1:2018; A2:2020.

Aerobiosis. Incubation at 25 ± 2,5 °C and 30-35°C. Reading at 72 hours for bacteria and 3-5 days for yeast and moulds.

### **Microorganism**

*Aspergillus brasiliensis* ATCC® 16404, WDCM 00053

*Bacillus subtilis* ATCC® 6633, WDCM 00003

*Escherichia coli* ATCC® 8739, WDCM 00012

*S. cerevisiae* ATCC® 9763, WDCM 00058

*Candida albicans* ATCC® 10231, WDCM 00054 (20-25°C)

*Candida albicans* ATCC® 10231, WDCM 00054 (30-35°C)

### **Growth**

Good

Inhibited

Inhibited

Good

Good (≥50 %)

Good (≥50 %)

### Sterility control

Incubation 48 h at 30-35 °C and 48 h at 20-25 °C: NO GROWTH.

Check at 7 days after incubation in same conditions.

## Bibliography

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