

## Specification

Medium for the enumeration and cultivation of fungi (Mould and Yeast).

## Presentation

20 Plates/Irradiated

90 mm - Triple Wrapping

with:  $21 \pm 1$  ml

### Packaging Details

1 box with 3 cellophane bags (triple wrapping) with

10 plates/bag. Every pack exhibits a irradiation

indicator stacked on the side of the bag (8-14 KGy).

### Shelf Life

3,5 months

### Storage

2-14°C

## Composition

Composition (g/l):

D(+)-Glucose..... 40.0

Peptone from casein ..... 5.00

Meat Peptone..... 5.00

Agar..... 15.0

Chloramphenicol..... 0.05

## Description /Technique

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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 samples.

### Technique

For plate inoculation follow the laboratories standard methods or the applicable norms (spiral plating method, econometric methods, streak plating, dilution banks, spread plating with drigralsky rod etc ...)

**Attention:** Petri plates are used for monitoring the microbiological contamination of surface and air inside cleanrooms, isolators, RABS, food industries and hospitals. The double/triple irradiated wrapping ensures that the package itself doesn't contaminate the environment as the first wrapper is removed just before entering the clean area.

## Quality control

### Physical/Chemical control

Color : Pale yellow

pH:  $5.6 \pm 0.2$  at 25°C

### Microbiological control

Growth Promotion Test according to harmonized pharmacopoeial monographs and test methods & ISO 11133:2014

Spiral Spreading: Practical range  $100 \pm 20$  CFU; Min. 50 CFU (Productivity) /  $10^4$ - $10^6$  CFU (Selectivity).

Aerobiosis. Incubation at  $22.5^\circ\text{C} \pm 2.5$ . Reading at 24-72 h for bacteria and 3-5 days to yeasts and moulds.

### Microorganism

*Candida albicans* ATCC® 10231, WDCM 00054

*Aspergillus brasiliensis* ATCC® 16404, WDCM 00053

*S. cerevisiae* ATCC® 9763, WDCM 00058

*Escherichia coli* ATCC® 8739, WDCM 00012

*Bacillus subtilis* ATCC® 6633, WDCM 00003

### Growth

Good ( $\geq 50$  %)

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Inhibited

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### Sterility Control

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

Check at 7 days after incubation in same conditions

(Base sterilized by autoclavina with continuous stirring at 121°C for 15' - Sterile supplements added at 50°C)

**Bibliography**

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