

### Specification

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

### Presentation

20 Plates/Irradiated  
90 mm - Triple Wrapping  
with: 21 ± 2 ml

#### Packaging Details

1 box with 2 BOPP bags (triple wrapping) with 10 plates/bag. Every pack exhibits a irradiation indicator stacked on the side of the bag (8-14 KGy) with desiccant.  
LATERAL LABELLING

#### Shelf Life

8 months

#### Storage

15-25 °C

### Composition

Composition (g/l):

Casein peptone.....	5.00
Meat peptone.....	5.00
D(+)-Glucose.....	40.00
Chloramphenicol.....	0.05
Agar.....	15.00

### 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.  
Wrapping resistant to hydrogen peroxide vapors penetration.

### Quality control

#### Physical/Chemical control

Color : Pale yellow                      pH: 5.6 ± 0.2 at 25°C

#### Microbiological control

Spiral Spreading: Practical range 100 ± 20 CFU. min. 50 CFU (productivity) / 10<sup>4</sup>-10<sup>6</sup> CFU (selectivity).

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

Aerobiosis. Incubation at 22.5 °C ± 2.5. Reading at 24-72 h for bacteria and 3-5 days to yeasts and moulds.

Microbiological control according to ISO 11133:2014/A1:2018.

#### 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 (≥50 %)  
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Inhibited  
Inhibited

#### 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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