

# TECHNICAL DATA SHEET

Article No. 9166

**Sabouraud Dextrose Chloramphenicol Agar, prepared plates**

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## SYNONYMS

Sabouraud 4 % Glucose Chloramphenicol Agar, Sabouraud Dextrose Chloramphenicol Agar, Mushroom culture medium according to Sabouraud, SAB

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## SPECIFICATION

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

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

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## COMPOSITION IN G/L

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

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## PACKAGING DETAILS

### 9166-20PLATES

20 prepared plates 90 mm

Content: 21 ± 2 ml

Packaging unit: 1 box with 2 packs of 10 plates/pack. Single cellophane.



## GUIDELINES

### 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 samples. This medium is also well suited for air environmental sampling (total compatibility with most commercially available air samplers) or for other types of environmental sampling (fingers or gloves of operators, swab streaking).

### Technique:

The technique of inoculation is by streaking methodology or by spiral method.

Incubate the plates right side up aerobically at 20-25°C for up to 5 days.

(Incubation times greater than those mentioned above or different incubation temperatures may be required depending on the sample, or the specifications).

After incubation, enumerate all the colonies that have appeared onto the surface of the agar.

Each laboratory must evaluate the results according to their specifications.

## 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 acc. to ISO 11133:2014/A1:2018; A2:2020.

Aerobiosis. Incubation at 20-25 °C. Reading at 24-72 h for bacteria and 3-5 days for yeast and mold.

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

Microorganism	Growth
<i>Aspergillus brasiliensis</i> ATCC® 16404, WDCM 00053	Good (≥50 %)
<i>Candida albicans</i> ATCC® 10231, WDCM 00054	Good (≥50 %)
<i>Bacillus subtilis</i> ATCC® 6633, WDCM 00003	Inhibited
<i>Saccharomyces cerevisiae</i> ATCC® 9763, WDCM 00058	Good (≥50 %)
<i>Escherichia coli</i> ATCC® 8739, WDCM 00012	Inhibited

### 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.

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## BIBLIOGRAPHY

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## STORAGE

2-14 °C

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## SHELF LIFE

3 months unopened from date of manufacture

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updated: 29.08.2022

