

# TECHNICAL DATA SHEET

Article No. 9780

Sabouraud Dextrose Agar, prepared plates

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## SYNONYMS

Sabouraud 4 % Dextrose agar, SAB

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## SPECIFICATION

Solid medium for the enumeration and cultivation of fungi according to the Pharmacopeial Harmonised Method and ISO standard.

Color: straw-colored yellow  
pH: 5.6 ±0.2 at 25 °C

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## COMPOSITION IN G/L

D(+)-Glucose (Dextrose)	40.0
Casein peptone	5.0
Meat peptone	5.0
Agar	15.0

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## PACKAGING DETAILS

9780-20PLATES

20 prepared plates 90 mm

Content: 21 ±2 ml

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

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## GUIDELINES

### Description:

Sabouraud Dextrose Agar is a modification of the classical Sabouraud medium for the cultivation of fungi. This formula helps to maintain the morphology of fungi, providing a reliable medium for both cultivation and differentiation. Its selectivity is due to a low pH and a high glucose concentration, which together with incubation at a relatively low temperature (20-25 °C) favors the growth of fungi while discouraging that of bacteria. The mixture of peptones employed has been selected to provide the fungi with all nitrogen requirements.



Technique:

Spread the plate by streaking method or spiral method.  
 Each laboratory must evaluate the results according to their specifications.

Note: 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.

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## MICROBIOLOGICAL CONTROL

Growth Promotion Test 50-100 CFU acc. to harmonized pharmacopoeial monographs and test methods & ISO 11133:2014/A1:2018.

Spiral Spreading: Practical range 50-100 CFU (productivity).

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

Aerobiosis. Incubation at 20-25 °C. Reading ≤5 days.

Microorganism	Growth
<i>Candida albicans</i> ATCC® 10231, WDCM 00054	Good (≥70 %)
<i>Aspergillus brasiliensis</i> ATCC® 16404, WDCM 00053	Good (≥70 %)
<i>S. cerevisiae</i> ATCC® 9763, WDCM 00058	Good (≥70 %)

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.

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## STORAGE

2-14 °C

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## SHELF LIFE

3 months

