TECHNICAL DATA SHEET

Article No. 9162

Sabouraud Dextrose 4% Agar, ready-to-use culture medium

SPECIFICATION

Prepared medium. Solid medium for the enumeration and cultivation of fungi according to the Ph. Eur. harmonised method and ISO 16212.

Colour:	Straw-coloured yellow
pH:	5.6 ± 0.2 at 25 ºC

COMPOSITION IN G/ L

D(+)-Glucose	40.0
Peptone from casein	5.0
Meat Peptone	5.0
Agar	15.0

PACKAGE DETAILS

9162-20x6.2ML-SLANT

Volume	6.2 ± 0.3 ml
Tube size	16 x 113 mm
Packaging unit	20 tubes / slant

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

DESCRIPTION/ TECHNIQUE

Description

Sabouraud Dextrose Agar is a modification of the classical Sabouraud medium for the cultivation of fungi. This new 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 lower temperature (25 -30°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 their nitrogen requirements.

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 ºC for 48-72 h.
(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.

MICROBIOLOGICAL CONTROL

Isolation by loop spreading
Aerobiosis. Incubation at 20-25ºC. Reading ≤5 days.

Microorganism	Growth
Candida albicans ATCC® 10231, WDCM 00054	Good
Aspergillus brasiliensis ATCC® 16404, WDCM 00053	Good
Saccharomyces cerevisiae ATCC® 9763, WDCM 00058	Good

STERILITY CONTROL:

Incubation 48 hours at 30-35 ºC and 48 hours at 20-25 ºC: NO GROWTH.
Check at 7 days after incubation in same conditions.

REFERENCES

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STORAGE

8 - 25 °C

SHELF LIFE

12 months unopened from date of manufacture

created: 22.08.2022

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