Condalab

Reference: 4214 **Technical Data Sheet**

Product: SABOURAUD DEXTROSE AGAR

CE IVD

Specification

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

Presentation

	Packaging Details	Shelf Life	Storage
20 Tubes / Slant Tube 16 x 113 mm with: 6,2 ± 0,3 ml	1 box with 20 tubes, 16x113 mm glass tubes, ink labelled and metal cap.	12 months	8-25°C

Composition

Composition (g/l):

D(+)-Glucose	40.0
Peptone from casein	5.00
Meat Peptone	5.00
Agar	15.0

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) favours 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°C for 48-72h.

(Incubation times greater then those mentioned above or different incubation temperatures may be required depending on the sample, on the specifications, This medium can be inoculated directly oror after treatment of the sample).

Each laboratory must evaluate the results according to their specifications.

Quality control

Physical/Chemical control

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

Microbiological control

Loop spreading

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

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

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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