

TECHNICAL DATA SHEET

Article No. 9786

Sabouraud Dextrose Agar, prepared plates (double wrapping)

SPECIFICATION

Prepared plates, 90 mm. Solid medium for the enumeration and cultivation of fungi according to Ph. Eur./USP harm., ISO 16212.

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

COMPOSITION IN G/L

D(+)-Glucose (Dextrose)	40.00
Peptone from casein	5.00
Meat peptone	5.00
Agar	15.00

PACKAGING DETAILS

9786-20PLATES

20 prepared plates, 90 mm, irradiated, double wrapping

Content: 21 ± 1 ml

Packaging unit: 1 box with 2 cellophane bags (double wrapping) with 10 plates/bag.
Every pack exhibits a irradiation indicator stacked on the side of the bag.(8-14kGy).

GUIDELINES

Description/Technique:

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 (20-25 °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.

Spread the plate streaking methodology or by spiral method.

Each laboratory has to evaluate the results according to their specifications.



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.

MICROBIOLOGICAL CONTROL

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

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

Analytical methodology according 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 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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STORAGE

2-14 °C

SHELF LIFE

3.5 months unopened from date of manufacture

created: 24.01.2023

