

Sabouraud-Dextrose-Agar nach harm. EP/USP/JP

Corresponds to the recommendations of the harmonization according to EP / USP / JP

Shorthand symbol:	SAB
Item number:	50-1264
Format:	Contact plate
Colour:	Yellowish
Storage conditions:	Dry, closed, at 15...22°C
Shelf-life:	3 Months
pH:	5.6 ± 0.2 at 25°C



Intended use and fields of application

Sabouraud-Dextrose-Agar is a universal nutrient medium used for the cultivation and total count of yeasts, molds and dermatophytes. Sabouraud Dextrose Agar contains 4% dextrose, which promotes the growth of these microorganisms. The low pH promotes the sporulation and pigmentation of yeasts and molds and at the same time, it simultaneously inhibits the growth of bacteria. It is thus a Selektive nutrient medium. The nutrient medium complies with the recommendations of the harmonization according to EP / USP / JP. The use of Sabouraud dextrose agar to harm. EP / USP / JP is recommended for all tests for *Candida albicans* in non-sterile pharmaceutical products.

Typical composition in g/l

in g pro 1l Nährmedium

Caseinpepton, pankreatisch verdaut	5
Fleischpepton, peptisch verdaut	5
Dextrose	40
Agar	15

*Adjusted as required to meet performance standards

Microbiological quality control

The microbial performance test is carried out in conformity with the requirements of DIN EN ISO 11133 and the Pharm. Eur. (Microbiological testing of non-sterile products according to Chapter 2.6.13).

Productivity

Incubation conditions: 2 – 3 days at 30 – 35 °C; Inoculum concentration: 10 – 100 CFU

Organism	Test strain	Specification	Colony morphology
Candida albicans	ATCC 10231 / WDCM 00054	50 – 200 %	Whitish, dry colonies
Aspergillus brasiliensis	ATCC 16404 / WDCM 00053	50 – 200 %	Brown and black colonies on a bright mycelium
Candida albicans (3 – 5 days, 20 – 25 °C)	ATCC 10231 / WDCM 00054	50 – 200 %	Whitish dry colonies
Aspergillus brasiliensis (3 – 5 days, 20 – 25 °C)	ATCC 16404 / WDCM 00053	50 – 200 %	Brown and black colonies on a bright mycelium

Microbial Contamination

Incubation conditions: 5 – 7 days at 20 – 25 °C and 5 – 7 days at 30 – 35 °C

Specification

No microbial contamination