

SABOURAUD DEXTROSE AGAR Prepared Media For the cultivation of bacteria

PD044 SABOURAUD DEXTROSE AGAR, 90 mm Petri dish with media

Appearance: Light Amber

Intended Use and Principles of the Procedure –

SDA (Sabouraud Dextrose Agar) is a media for yeasts and molds. Its low pH and addition of antimicrobics favor the growth of fungi, especially dermatophytes.

The media is used for testing normally sterile products in cosmetics and in foods, and for isolating of *Candida albicans* ATTC 10231 in pharmaceutical products (non sterile). In Clinical laboratories the media is used to identify the types of fungi causing skin infections in order to match the correct treatment for it.

Sabouraud Dextrose Agar meets the USP, EP and JP performance specifications.

Formula- SABOURAUD DEXTROSE AGAR Approximate Formula (Gram/Liter)

Peptic Digest of animal tissue-5. Pancreatic Digest of Casein-5. Dextrose- 40. Agar—15.

QC performance

pH at RT - 5.6 ± 0.2

GPT: Inoculum 10-100 cfu.

Test	ATCC No.	Incubation Temp. (°C)	Incubation Cond.
<i>Candida albicans</i>	10231	20-25	Aerobic, 5 days
<i>Saccharomyces cerevisiae</i>	2338	20-25	Aerobic, 5 days
<i>Aspergilliensis brasiliensis</i>	16404	20-25	Aerobic, 5 days
<i>Penicillium expansum</i>	7861	20-25	Aerobic, 5 days
<i>Candida albicans</i>	10231	30-35	Aerobic, 24 hours

Storage 2 – 25 °C

Warning and Precautions - For laboratory use only. Do not use plates if they show evidence of microbial contamination, discoloration, drying, cracking, or other signs of deterioration. Do not use the product beyond its expiry date

Limitation of the product

Some fungi may be inhibited by the acidic pH and antimicrobics in the medium.