

PRODUCT INFORMATION

Sabouraud Dextrose Agar with Lecithin & Tween 80

Cat. No. S19-101

DESCRIPTION

Agar medium used for the detection and enumeration of microorganisms, specifically Fungi, on the surface of sanitary containers, equipment and surfaces.

FORMULA (g/L)

Casein Digest Peptone	5.0 g	Dextrose	40.0 g
Peptic Digest of Animal Tissue	5.0 g	Lecithin	0.7 g
Tween 80	5.0 g	Agar	15.0 g

Final pH: 5.6 ± 0.2 at 25 °C

*Grams per liter may be adjusted or formula supplemented to obtain desired performance.

PREPARATION

Mix 71 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring and boil for one minute to dissolve completely. Distribute and autoclave at 121°C for 15 minutes.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogenous, free flowing with soft-lumps and light beige.
2. Visually the prepared medium is yellow to amber, with trace to slight haze.
3. Expected cultural response after 2-7 days at 25-30 °C.

ORGANISM	RESULT
<i>Aspergillus brasiliensis</i> ATCC 16404	Good Growth
<i>Candida albicans</i> ATCC 10231	Good Growth
<i>Microsporum audouinii</i> ATCC 42558	Good Growth
<i>Microsporum canis</i> ATCC 36299	Good Growth
<i>Penicillium roqueforti</i> ATCC 10110	Good Growth
<i>Trichophyton mentagrophytes</i> ATCC 9533	Good Growth

Version 01 – Date 05/21/24



STORAGE

Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing or if the color has changed from the original color.

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