

PRODUCT INFORMATION

Sabouraud Dextrose Broth

Cat. No. S19-129

DESCRIPTION

Sabouraud Dextrose Broth is medium used for culturing yeasts, molds and aciduric microorganisms. The high dextrose concentration and acidic pH make this medium selective for fungi from clinical samples and other materials. This medium is a modification of the Dextrose Agar described by Sabouraud, with half the Dextrose and without the agar. It is used for cultivating molds, yeasts and pathogenic fungi, particularly those associated with skin infections. It is also used in tests for sterility.

FORMULA (g/L)

Casein Digest Peptone	5.0 g	Dextrose	20.0 g
Peptic Digest of Animal Tissue	5.0 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 30 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 and light beige.
2. Visually the prepared medium clear to trace hazy and light amber in color.
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>Saccharomyces cerevisiae</i> ATCC 9763	Good Growth
<i>Trichophyton mentagrophytes</i> ATCC 9533	Good Growth



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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