

SDB

Product: Sabouraud Dextrose Broth

Catalogue Number: i23163

Content: 500 g

Use: Sabouraud Dextrose Broth is used for culturing yeasts, molds and aciduric microorganisms.

Principle: Sabouraud dextrose media are peptone media supplemented with dextrose to support the growth of fungi. Peptones are sources of nitrogenous growth factors. The carbohydrate provides an energy source for the growth of microorganisms. Gentamicin is an aminoglycoside antibiotic that inhibits the growth of gram-negative bacteria. Chloramphenicol is inhibitory to a wide range of gram-negative and gram-positive bacteria, and cycloheximide is an antifungal agent that is primarily active against saprophytic fungi and does not inhibit yeasts or dermatophytes.

Composition g / l:

Dextrose	40.000
Mycological, peptone	10.000

Dehydrated Appearance: Light beige, fine, homogeneous, free-flowing.

Solution: 5.0% solution, soluble in purified water upon boiling. Solution is light amber, clear.

Prepared Appearance: Light amber, clear.

pH at 25 °C: 5.6 ± 0.2

Procedure: Suspend 50 g of the powder in 1 L of purified water. Mix thoroughly. Boil for 1 minute to completely dissolve the powder. Autoclave at 121°C for 15 minutes. Test samples of the finished product for performance using stable, typical control cultures.

Storage: Store at 15-30°C in tightly closed container and the prepared medium at 2-8°C. Use before expiry date on the label

Shelf life: If stored under recommended conditions the unopened container has a shelf-life of 3 years after day of production (see expiry date on the label).