

General Broth Medium

Cat. No.: R1097610 | Pack size: 250 g | Storage: Protected from light, Room temperature, Desiccated

Product Information

Item	Description
Product Name	General Broth Medium
Cat. No.	R1097610
Pack Size	250 g
Grade & Purity	BioReagent, Suitable for microbiology
Application	Microbial culture
Storage	Protected from light, Room temperature, Desiccated
Shipped In	Normal

Overview

General Broth Medium is a fundamental core consumable for enrichment culture, resuscitation and subculture, as well as biochemical tests of various bacteria. This product is pale yellow dry powder made from refined raw materials with a well-proportioned formula and excellent solubility. After reconstitution, the liquid is clear and transparent without precipitates or impurities, featuring a mild system free of bacteriostatic ingredients. The medium is rich in nitrogen sources, organic matter, minerals and growth factors required for bacterial proliferation.

Basic Information

Item	Description
Product Name	General Broth Medium
Catalog No.	R1097610
Specification	250 g per bottle

Item	Description
Appearance	Pale yellow powder, odorless
Application	For enrichment culture of Staphylococcus aureus and other bacteria
Storage	Sealed, dry, dark place at room temperature
Shelf Life	3 years

Formula

Ingredient	Dosage (g)
Peptone	20.0
Beef Powder	5.0
Sodium Chloride	5.0
Final pH (25°C)	7.5±0.1

Preparation Method

Weigh 30.0 g of the product and dissolve in 1 L of distilled water. Heat to boiling until fully dissolved, dispense into containers, autoclave at 121°C for 15 minutes, and set aside for use.

Quality Control

Quality Control Strains and Strain Numbers	Inoculum (cfu)	Growth Performance	Colony Character / Biochemical Reaction
Staphylococcus aureus ATCC6538	10-100	Good	Turbidity
Escherichia coli ATCC8739	10-100	Good	Turbidity
Staphylococcus aureus ATCC25923	10-100	Good	Turbidity

Quality Control Strains and Strain Numbers	Inoculum (cfu)	Growth Performance	Colony Character / Biochemical Reaction
Salmonella Typhimurium ATCC14028	10-100	Good	Turbidity

Quality Control Note

Incubate at 30-35°C for 18-24 hours.

Precautions

1. Wear proper protective gear while weighing the medium to prevent physical discomfort.
2. Store medium in a dry and dark environment. Tighten the bottle cap immediately after use to prevent moisture absorption and caking.
3. Waste medium must be autoclaved at 121°C for 30 minutes before disposal.
4. This product is not intended for clinical testing.

Specifications

Item	Description
Specifications & Purity	BioReagent, Suitable for microbiology
Stability and Storage	Store at room temperature long term (36 months). Store in the dark. Keep dry.
Storage	Protected from light, Room temperature, Desiccated
Shipped In	Normal
Grade	BioReagent, Suitable for microbiology

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Whether you have a technical question, need help with a quotation, or want to inquire about an order, our regional teams are ready to assist. Please contact the office for your region; for general inquiries, the North American office is the corporate primary.

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Limitations & Regulatory Status

For Research Use Only (RUO). Not for use in human or animal diagnostics, therapeutics, or in vivo applications. Not for food, cosmetic, or household use.

This product is not a CE-marked in vitro diagnostic device under IVDR (EU) 2017/746 and is not an FDA-cleared device under 21 CFR. Use is restricted to verified businesses, institutions, and qualified professional users.

Where any kit component is classified as hazardous under CLP (EC) 1272/2008 or OSHA HCS (29 CFR 1910.1200), the product Safety Data Sheet (SDS) takes precedence over this document for handling, storage, disposal, and emergency measures.

Performance depends on sample type, sample condition, handling, and operator technique. Users are responsible for validating the product for their specific application.

Aladdin product labels, SDS, COA, and approved specifications take precedence over this document. If product formulation, label, SDS, storage conditions, pack size, or quality specifications change, the current approved Aladdin documentation supersedes this manual.