LB Broth (MILLER)

Product information

Product Description

LB Broth (MILLER) is used for the cultivation of bacterial cultures in molecular biology experiments. Tryptone and Yeast Extract provide nitrogen sources, vitamins and growth factors. Sodium chloride maintains balanced osmotic pressure.

Composition

Component	Amount
Tryptone	10 g
Yeast extract	5 g
NaCl	10 g
pH (25 °C)	7.0 ± 0.2

Storage and Handling

Storage: Maintain in a cool, dry environment to ensure stability.

Shelf Life: Valid for 36 months from the date of manufacture when stored under recommended conditions.

Shipping: Suitable for transport at ambient room temperature.

Safety Information:

Always wear appropriate lab coat, gloves and googles. Please consult the Material Safety Data Sheet (MSDS) for more information.

Preparation for 1L

1. Add 25 g of LB Broth (MILLER) in 1 L of deionized water.
2. Heat with frequent agitation and boil completely to dissolve the powder
3. Autoclave at 121°C for 20 minutes.

Note: Don't use if the product is lumpy

Product Description	Catalog No.
LB Broth (MILLER) (500 g)	LBBM-500
LB Broth (MILLER) (1 Kg)	LBBM-1Kg
LB Broth (MILLER) (5 Kg)	LBBM-5Kg

This product is intended for research only.

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Nano for Bio

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