

LB Broth Medium

Introduction

LB Broth Medium is composed of tryptone, yeast extract and NaCl, is configurable as 1L liquid of LB Broth Medium.

Features

- Only one step weighing.
- Eliminating complicated preparation.
- Strict control of raw materials.
- High quality assurance.

Component

Tryptone 10.0 g

Yeast extract 5.0 g

NaCl..... 10.0 g

- The product is beige or beige granule powder, good fluidity, good uniformity.
- The prepared medium concentration was 2.5%, the pH was 7.0 ± 0.2 , is pale milky white Or light amber.

Storage

Room temperature, dark, 60 months.

Use Process

1. Weigh 25 g of dry powder , add1 L distilled water and mix thoroughly.
(Note: To make the mix more fully, heat the medium and boil it, stirring continuously during the process to dry the powder Completely dissolved.)
2. The medium was autoclaved at 121 °C for 15 min.
3. The finished product was sampled and the performance was tested against the control medium.

Culture Method

1. For specific microbial culture methods, please refer to relevant and appropriate literature.
2. In the medium, turbidity should appear and significant growth of the colony can be observed Judged as ideal culture results.

Reference Documents

- [1] Luria and Burrous. 1955. J. Bacteriol. 74:461.
- [2] Luria, Adams and Ting. 1960. Virology 12:348.
- [3] Miller. 1972. Experiments in molecular genetics. Cold Spring Harbor Laboratory, Cold Spring Harbor, N.Y.
- [4] Ausubel, Brent, Kingston, Moore, Seidman, Smith and Struhl (ed.). 1994. Current protocols in molecular biology, vol. 1. Greene Publishing Associates, Inc., Brooklyn, N.Y.
- [5] Sambrook, Fritsch and Maniatis. 1989. Molecular cloning: a laboratory manual, 2nd. ed. Cold Spring Harbor Laboratory, Cold Spring Harbor, N.Y.
- [6] Lennox. 1955. Virology 1:190.