# LB Broth (Lennox)

# Instructions For Use

**NAME**

LB Broth (Lennox)

**PRODUCT CODE**

LBB-251

**SPECIFICATION**

250 g/bottle

**MEDIUM PURPOSE**

For salt concentration-sensitive assays in molecular biology.

**DIRECTIONS**

Weigh 20.0 g of this product, add 1 L of distilled or deionized water, stir and heat until completely dissolved. Dispense and autoclave at 121 °C for 20 minutes.

**PRINCIPLE**

Tryptone and yeast extract provide carbon sources, nitrogen sources, vitamins and minerals; sodium chloride maintains a balanced osmotic pressure.

**PRODUCT NATURE**

| **Ingredients** | Content (g/L)) |
|---|---|
| **Tryptone** | 10.0 |
| **Yeast Extract** | 5.0 |
| **Sodium Chloride** | 5.0 |
| **Final pH (25 °C)** | 7.5±0.2 |

**QUALITY CONTROL**

Inoculate with the following quality control strains and incubate at 36±1 °C for 12–18 h.

**STORAGE & SHELF LIFE**

Store at room temperature. Shelf life of 3 years.

| Quality Control Strains & Catalog No. | Quality Control Criteria |
|---|---|
| *Escherichia coli* ATCC 25922 | Turbidity, turbidity level 2 |
| *Escherichia coli* TOP10 | Turbidity, turbidity level 2 |

**STORAGE CONDITIONS & SHELF LIFE**

Store in a dry, dark place at room temperature. Recap tightly immediately after use.

**PRECAUTIONS**

1. This product is not intended for clinical diagnostic use.
2. Do not use if the product shows severe caking.
3. After testing, contaminated items shall be autoclaved at 121 °C for 30 minutes before disposal.