

## LB Broth (Lennox)

Product No.	Product Category	Specification
HCM320	Dehydrated Culture Medium	500g/bottle
028324	Dehydrated Culture Medium	250g/bottle

### Intended Use

For the cultivation of *E. coli* in fermentation and molecular genetic studies.

### Principle and Interpretation

Casein peptone and yeast extract supply essential growth factors, such as nitrogen, carbon, sulfur, minerals and vitamins.

### Formulation

Ingredients	/liter
Tryptone	10.0g
Yeast extract	5.0g
Sodium chloride	5.0g
pH7.0±0.2 at 25°C	

### Preparation

Suspend 20 g in 1 litre of distilled water. Bring to a boil to dissolve completely. Sterilize by autoclaving at 121°C for 15 minutes.

### Quality Control

Cultural characteristics observed after incubation at 35-37°C for 24 hours

Quality control strains	Growth
<i>Escherichia coli</i> ATCC25922	good

### Storage and Shelf Life

2-30°C, Keep container tightly closed, avoid direct sunlight.

Use before expiry date on the label.

### Precautions

1. When weighing the dehydrated medium, please wear masks to avoid causing respiratory system discomfort
2. Keep container tightly closed after using to prevent clumping.

### Waste Disposal

**GUANGDONG HUANKAI MICROBIAL SCI.&TECH.CO.,LTD.**

Address: No. 788 Shenzhou Road, Science City, Huangpu District, Guangzhou, Guangdong, China

Email: support@hkmbio.com

Website: <https://www.huankaigroup.com>

# Technical Data Sheet



Microbiological contamination was disposed by autoclaving at 121°C for 30 minutes.

## Revision

On June 14, 2024

## References

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