

Product Specifications



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LB MILLER BROTH

Product Number

IB49010	25gm
IB49020	500gm
IB49030	2kg
IB49040	10kg

Size

PHYSICAL SPECIFICATIONS

pH (@25°C) _____ 7.0 ± 0.2

Note: Grams per liter may be adjusted to obtain desired performance.

<i>Escherichia coli</i> ATCC 23724	Growth
<i>Escherichia coli</i> ATCC 33694	Growth
<i>Escherichia coli</i> ATCC 33849	Growth
<i>Escherichia coli</i> ATCC 39403	Growth
<i>Escherichia coli</i> ATCC 47014	Growth
<i>Escherichia coli</i> ATCC 53868	Growth

Formula per Liter

Casein Digest Peptone	10.0gm
Sodium Chloride	10.0gm
Yeast Extract	5.0gm

Preparation

- Mix 25gm of the medium into 1L purified water until evenly dispersed.
- Heat with repeated stirring, and boil for one minute to dissolve completely.
- Distribute and autoclave at 121°C for 15 minutes.

STORAGE

Store at room temperature. Keep tightly sealed. Protect from moisture and light.

CAS NO.

CAS# _____ N/A

WARNING

Classification: Skin Irritant - 2 / Eye Irritant - 2

Hazard Statements: H315-Causes skin irritation • H319-Causes serious eye irritation • H335-May cause respiratory irritation.

Precautionary Statements: P280-Wear protective gloves/ protective clothing/eye protection/face protection •

P302+P352-IF ON SKIN: Wash with plenty of soap and water • P304+P340-IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing • P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



WARNING!

RECOMMENDED USE

IBI LB Miller Broth is used in molecular genetic studies, as well as maintaining and propagating *E. coli* in molecular and microbiology procedures. The inclusion of casein peptone and yeast extract supply essential growth factors; such as nitrogen, sulfur, minerals, and vitamins. Sodium Chloride provides the essential electrolytes.

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