

## Certificate of Analysis

**Product Description:** LB Medium (Pouches)  
**Catalog Number:** 3002065; 3002075; 3002085; 3002095  
**Lot:** 148652

<b>Formula:</b> N/A <b>CAS #:</b> N/A <b>Physical Description:</b> Light Yellow Powder	<b>Formula Weight:</b> N/A <b>Storage:</b> 15 - 30°C
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**LB Medium:** Molecular Biology Certified Bacterial Growth Medium  
 Luria-Bertani, Rich Medium for the growth of *E. coli* and certified for plasmid and other bacterial cultures in liquid medium.

**Formulation and Molecular Biological Specifications of Components:**  
 Contents Per Liter: 10 g Tryptone, 5 g Yeast Extract, 10 g NaCl. Biological buffers have been added for proper pH adjustment.  
Reference: Sambrook, J., et al (1989) Molecular Cloning, A Laboratory Manual, 2nd Ed. CSH Press.

**Recommended Use:**  
 125g Pouch: Add pouch contents to 5 liters of purified water.  
 12.5 g Pouches: Add pouch contents to 500 ml of purified water.  
 25 g Pouches: Add pouch contents to 1 liter of purified water.  
 For laboratory use only.

Test	Specification	Result
pH (after autoclave)	6.5 - 7.5	6.65
Clarity and Color (after autoclave)	Report Result	Clear, light yellow solution
pH (Harvest)	Report Result	5.95
Cell Growth Test	Passes	Passes

Powder medium is hygroscopic, therefore minimize exposure to air to prolong shelf life of media.  
 Recommended Retest Date (MM/DD/YYYY): 12/31/2024

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<mailto:biotech@mpbio.com>

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