

## Certificate of Analysis

**Product Description:** LB Medium (Capsules)  
**Catalog Number:** 3002011; 3002021; 3002031; 3002041; 3002051  
**Lot:** 111513

**Formula:** N/A

**CAS #:** N/A

**Physical Description:** Light Yellow Powder

**Formula Weight:** N/A

**Storage:** 15 - 30°C

### 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

Capsules: Add 25 capsules per liter of purified water. only.  
For laboratory use

Test	Specification	Result
pH (after autoclave)	6.5 - 7.5	7.09
Clarity and Color (after autoclave)	Report Result	Clear, Colorless Solution
pH (Harvest)	Report Result	7.51
Cell Growth Test	Passes	Passes

Powder medium is hygroscopic, therefore minimize exposure to air to prolong shelf life of media.  
Recommended Retest Date: 09/30/2021

01/17/2018 - John Huang, PhD  
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Quality Control Manager

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