

## Certificate of Analysis

**Product Description:** LB Medium (Powder)  
**Catalog Number:** 30020X2; 3002022; 3002032; 3002042; 3002052  
**Lot:** YD01029

**Formula :** N/A

**CAS #:** N/A

**Physical Description:** Light Yellow Powder

**Formula Weight:** N/A

**Storage:** 15 - 30°C

Test	Specification	Result
pH (after autoclave)	6.5 - 7.5	7.05
Clarity and Color (after autoclave)	Report Result	Clear, Light Yellow Solution
pH (Harvest)	Report Result	7.53
Cell Growth Test	Passes	Passes

**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:**

**Capsules:** Add 25 capsules per liter or 10 capsules per 400 ml of purified water.

**Autoclave at 121°C for 15 minutes.**

**For laboratory use only.**

**Powder medium is hygroscopic, therefore minimize exposure to air to prolong shelf life of media.**

**Moisture:** 2.39%

**Recommended Retest Date (MM/DD/YYYY):** 11/08/2025



01/29/2023 - Lily Liu

MP Biomedicals, LLC.

QM

This is an electronically generated document

<mailto:biotech@mpbio.com>

<http://www.mpbio.com>

Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)