

Certificate of Analysis

Product Description: LB Medium (Capsules)
Catalog Number: 30020X1; 3002001; 3002011; 3002021; 3002031; 3002041; 3002051
Lot: 172381

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 Use:

Capsules: Add 25 capsules per liter of purified water. Autoclave at 121°C for 15 minutes.
For laboratory use only.

Test	Specification	Result
pH (after autoclave)	6.5 - 7.5	7.02
Clarity and Color (after autoclave)	Report Result	Clear, Light Yellow Solution
pH (Harvest)	Report Result	6.84
Cell Growth Test	Passes	Passes

Powder medium is hygroscopic, therefore minimize exposure to air to prolong shelf life of media.
Recommended Retest Date: 06/30/2026



Life Science QC Supervisor

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