

## Certificate of Analysis

<b>Product Description:</b> 2xYT-Broth (Large Capsules) <b>Catalog Number:</b> 30120X6; 3012026; 3012036; 3012046 <b>Lot:</b> 156223
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<b>Formula:</b> N/A <b>CAS #:</b> N/A <b>Physical Description:</b> Light Yellow Powder in Capsules	<b>Formula Weight:</b> N/A <b>Storage:</b> 15 - 30°C
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**2xYT Broth:** Molecular Biology Certified Bacterial Growth Medium  
 Medium optimized for the growth and maintenance of M13 or other filamentous phage.

**Formulation and Molecular Biological Specifications of Components:**  
 Contents Per Liter: 16 g Tryptone, 10 g Yeast Extract, 5 g NaCl. Biological buffers have been added for proper pH adjustment. Gelatin large capsules are derived from raw materials that are not of UK origin or from any other country on the United States of America Department of Agriculture or European Community prohibited list for BSE. Reference: Ronald, M. Atlas, Microbiological Media, 1993, CRC Press Inc., page 1015.

**Recommended Use:**  
 Large Capsules: Add 6 large capsules per liter of purified water. For laboratory use only.

Test	Specification	Result
pH (after autoclave)	6.5 - 7.5	6.96
Clarity and Color (after autoclave)	Report Result	Clear, Yellow Solution
pH (Harvest)	Report Result	6.69
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): 06/30/2025

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