

## Certificate of Analysis

<b>Product Description:</b> YT-Broth Agar (Capsules) <b>Catalog Number:</b> 30112X1; 3011231; 3011241; 3011251 <b>Lot:</b> 139070
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<b>Formula:</b> N/A <b>CAS #:</b> N/A <b>Physical Description:</b> Light Tan Powder in Capsules	<b>Formula Weight:</b> N/A <b>Storage:</b> 15 - 30°C
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**YT Broth-Agar:** 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: 8 g Tryptone, 5 g Yeast Extract, 5 g NaCl, 15 g Agar. Biological buffers have been added for proper pH adjustment. Gelatin capsules are produced in a facility that meets the FDA's recent guidance as being derived from BSE-free herds that are born, raised, and slaughtered in the United States. Reference: Jeffery H. Miller (1977) Experiments in Molecular Genetics. Cold Springs Harbor Laboratory Press, NY.

**Recommended Use:**  
 Capsules: Add 33 capsules per liter of purified water.  
 For laboratory use only.

Test	Specification	Result
pH (after autoclave)	Report Result	6.90
Clarity and Color (after autoclave)	Report Result	Clear, yellow solution
Cell Growth Test	Passes	Passes

Recommended Retest Date (MM/DD/YYYY): 02/29/2024

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