
Product Specification

Product Name: LB Agar Powder, Miller
Product Code: SD7003

Product Description:

LB Agar Powder, Miller: Miller's LB is a highly-referenced microbial growth medium used for the cultivation of E. coli. This nutrient-rich microbial broth contains peptides, amino acids, water-soluble vitamins, and carbohydrates. The addition of agar provides a solid medium for microbial growth.

Use:

Add 40g powder to 1L water. Heat to boiling while stirring to dissolve powder. Autoclave for 15 minutes at 121°C to sterilize. Allow to cool slightly before making additions, such as antibiotics (if desired).

Components:

Agar - 15g/L
Tryptone - 10g/L
NaCl - 10g/L
Yeast Extract - 5g/L

Test Items

Specifications

Physical and Chemical Tests

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|--|---|
| Appearance | Off-White to Light Brown Powder |
| Solubility (3.7g/ 100ml, H ₂ O) | Clear to slightly hazy, Faint yellow to yellow solution |

Storage Condition: 18 – 25°C, Protect from moisture