
Product Specification

Product Name: Lauryl Sulfate Broth with MUG

Product Code: SG7217

PRODUCT DESCRIPTION:

Lauryl Sulfate Broth with MUG is used in fluorogenic assays for the detection of Escherichia coli in water, wastewater and foods.

Use:

Stir to suspend 35.7 g of dehydrated/granulated medium in 1L distilled H₂O. Mix well with heat with frequent agitation. Boil for one minute. Autoclave for 15 minutes at 121°C to sterilize. Allow to cool (40 – 45°C) before making additions, such as antibiotics (if desired), before dispensing. For laboratory use only.

Components:

Tryptone – 20.0g/L

Sodium Chloride – 5.0g/L

Lactose – 5.0g/L

Dipotassium Hydrogen Phosphate – 2.75g/L

Potassium Dihydrogen Phosphate – 2.75g/L

Sodium Lauryl Sulfate – 0.10g/L

MUG – 0.10g/L

Item	Description
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Physical and Chemical Tests

Appearance: Yellowish Powder / Granules

pH (@25°C): 6.6 – 7.0

Storage: Store in a dry and dark place at room temperature. Tighten the cap immediately after use.