
Product Specification

Product Name: EC-MUG Medium
Product Code: SG7216 / SG7216.1

PRODUCT DESCRIPTION:

EC-MUG Medium is used for the detection of Escherichia coli in water, foods, milk and other applications.

Use:

Stir to suspend 37.05 g of dehydrated 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 – 4.0g/L
Potassium Dihydrogen Phosphate – 1.5g/L
Bile Salts No.3 – 1.5g/L
MUG – 0.05g/L

Item	Description
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Physical and Chemical Tests

Appearance:	Yellowish Powder
pH (@25°C):	6.7 – 7.1

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