
Product Specification

Product Name: EC Broth
Product Code: SG7214 / SG7215

PRODUCT DESCRIPTION:

EC Broth is used for the detection of coliform bacteria at 37°C and Escherichia coli at 44.5°C. This product is available in both dehydrated and granulated form.

Use:

Stir to suspend 37.0 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 – 4.0g/L
Potassium Dihydrogen Phosphate – 1.5g/L
Bile Salts No.3 – 1.5g/L

Adjusted to pH 6.9±0.1 @25°C

Item	Description
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Physical and Chemical Tests

Appearance:	Yellowish Powder / Granules
pH (@25°C):	6.8 – 7.0

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