
Product Specification

Product Name: Modified EC Broth Base

Product Code: SG7323 / SG7324

PRODUCT DESCRIPTION:

Modified EC Broth Base is a selective enrichment broth used for the growth of Escherichia coli O157 from food and environmental samples. This product is available in both dehydrated and granulated form.

Use:

Stir to suspend 36.62 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 it to cool to about 30°C. Add 1 vial of 4.5 mg Novobiocin Solution (SG7325) to every 225 ml of the Broth Base solution, before dispensing. For laboratory use only.

Components:

Tryptone – 20.0g/L

Lactose – 5.0g/L

Bile Salt No. 3 – 1.1g/L

Dipotassium Hydrogen Phosphate – 4.0g/L

Potassium Dihydrogen Phosphate – 1.5g/L

Sodium Chloride – 5.0g/L

Item

Description

Physical and Chemical Tests

Appearance: Yellowish Powder / Granules

pH (@25°C): 6.7 – 7.1

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