
Product Specification

Product Name: Gram Negative Enrichment Broth (GN Broth)

Product Code: SG7308 / SG7309

PRODUCT DESCRIPTION:

Gram Negative Enrichment Broth (GN Broth) is used for the selective enrichment of gram-negative microorganisms, especially Salmonella and Shigella. This product is available in both dehydrated and granulated form.

Use:

Stir to suspend 39 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

Glucose – 1.0g/L

Potassium Dihydrogen Phosphate – 1.5g/L

Dipotassium Hydrogen Phosphate – 4.0g/L

Mannitol – 2.0g/L

Sodium Citrate – 5.0g/L

Sodium Deoxycholate – 0.5g/L

Sodium Chloride – 5.0g/L

Item

Description

Physical and Chemical Tests

Appearance: Yellowish Powder / Granules

pH (@25°C): 6.8 – 7.2

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