
Product Specification

Product Name: Modified Tryptone Soy Broth (mTSB)

Product Code: SG7331

PRODUCT DESCRIPTION:

Modified Tryptone Soy Broth (mTSB) is a selective enrichment liquid medium recommended for the cultivation of Escherichia coli O157:H7 from food products.

Use:

Stir to suspend 30.0 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). Add 1 vial of 2.25 mg Polymyxin B (SG7332) and 1 vial of 2.25 mg Nalidixic acid (SG7333) to every 225mL of the Broth Medium, before dispensing. For laboratory use only.

Components:

Tryptone – 17.0g/L

Plant peptone – 3.0g/L

Sodium chloride – 5.0g/L

Dipotassium hydrogen phosphate – 2.5g/L

Glucose – 2.5g/L

Item	Description
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Physical and Chemical Tests

Appearance: Yellowish Powder

pH (@25°C): 7.1 – 7.5

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