
Product Specification

Product Name: Mannitol Salt Agar

Product Code: SG7272 / SG7273

PRODUCT DESCRIPTION:

Mannitol Salt Agar is used for the selective and differential isolation of staphylococci. This product is available in both dehydrated and granulated form.

Use:

Stir to suspend 111.0 g of dehydrated/granulated medium in 1L distilled H₂O. Mix well with heat with frequent agitation. Boil for one minute then autoclave it at 121 °C for 15min. Allow to cool (40– 45°C before making additions, such as antibiotics (if desired). Dispense into petri dishes. For laboratory use only.

Components:

Tryptone (Pancreatic Digest of Casein) - 5.0g/L

Peptic Digest of Animal Tissue - 5.0g/L

Beef Extract Powder - 1.0g/L

D-Mannitol - 10.0g/L

Sodium Chloride - 75.0g/L

Phenol Red - 0.025g/L

Agar – 15.0g/L

Item	Description
<u>Physical and Chemical Tests</u>	
Appearance (dry):	Yellowish Powder / Granules
pH (@25°C):	7.4 ± 0.2
<u>Microbiological Tests</u>	
<i>Staphylococcus aureus</i> (CMCC(B) 26003)	<u>Quality Control Results</u> PR ≥ 0.7, yellow colonies with halos
<i>Escherichia coli</i> (CMCC(B) 44102)	G ≤ 1

* The microbiological test results were obtained from type cultures after incubation at a temperature of 32.5°C and observed after 72 hours.

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