



12213

Anaerobic Agar

Part D

Specifications

Appearance (Colour)	Light beige
Appearance (Form)	Free flowing, homogeneous powder
Solubility	58.00 gm/liter
Solubility before autoclaving (Clarity)	Slightly opalescent
Gel strength	Firm comparable with 2.0 % agar gel
pH (25°C)	7.2 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Very slightly opalescent, as the medium cools, becomes greenish due to aeration
Prepared Medium Appearance after autoclaving (Colour)	Light amber
Cultural Response	Inoculate and incubate at 37°C for 48 - 72 hours
Organism	Clostridium perfringens ATCC 13124
Inoculum (cfu) 10-100	Growth : Good Recovery Rate :>=50.0%
Organism	Bacteroides fragilis ATCC 25285
Inoculum (cfu) 10-100	Growth : Good Recovery Rate :>=50.0%
Organism	Clostridium sporogenes ATCC 11437
Inoculum (cfu) 10-100	Growth : Good Recovery Rate :>=50.0%

Other Information

Applications

For the cultivation of anaerobic bacteria, especially Clostridium species.

Composition

Ingredients	gms/lt.
Agar	20.00
Tryptone	20.00
Dextrose	10.00
Sodium chloride	5.00
Sodium thioglycollate	2.00
Sodium formaldehyde sulfoxylate	1.00
Methylene Blue	0.002

Directions

1. Add 58.00 gm powder to 1.0 liter distilled/purified water and mix thoroughly.
2. Gently heat and bring to boiling.
3. Autoclave at 15 psi pressure at 121°C for 15 minutes.

General Information

Storage	8 to 25°C (Cool & Dry Area)
Shelf Life	36 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
100 Gms	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)
Type of Packing	
500 Gms	Plastic Bottle

Available Packages

100 Gms
500 Gms

Disclaimer

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