



31363

SPS Agar

Part D

Specifications

Appearance (Colour)	Cream to Yellow
Appearance (Form)	Free flowing, homogeneous powder
Solubility	40.00 gm/liter
Solubility before autoclaving (Clarity)	Slightly opalescent
Gel strength	Firm, comparable with 1.5% agar gel
pH (25°C)	7.0 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Very slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Medium amber
Cultural Response	Inoculate and incubate at 37°C for 18-48 hours
Organism	Clostridium perfringens ATCC 12924
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0 % Colony colour : black
Organism	Clostridium sporogenes ATCC 11437
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=40.0 % Colony colour : black
Organism	Staphylococcus aureus ATCC 25923
Inoculum	=10 ³ Growth : None-poor Recovery Rate : >=10.0 % Colony colour : white
Organism	Escherichia coli ATCC 25922
Inoculum	Growth : Inhibited

Other Information

Applications

For the detection and enumeration of Clostridium perfringens in foods.

Composition

Ingredients	gm/lt.
Casein enzymic hydrolysate	15.00
Yeast extract	10.00
Sodium sulphite	0.50
Polymixin B sulphate	0.01
Sulphadiazine	0.12
Ferric citrate	0.50
Agar	13.90

Directions

1. Add 40.00 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%)

Available Packages

100 Gms
500 Gms

Disclaimer

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