



96310

Listeria Identification Agar Base (PALCAM)

Part D

Specifications

Appearance (Colour)	Biege to pink
Appearance (Form)	Free flowing, homogeneous powder
Solubility	68.80 gm/liter
pH (25°C)	7.0 ± 0.2
Solubility before autoclaving (Clarity)	Clear to very slightly opalescent
Gel strength	Firm, comparable with 1.5% agar gel
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Red
Cultural Response	Inoculate and incubate at 37 ± 2°C for 24-48 hours
Organism	Listeria monocytogenes ATCC 19112
Inoculum (cfu) 10-100	Growth : Good Recovery rate : >=50.0% Colony characteristics : Grey green with black centre and black halo
Organism	Listeria monocytogenes ATCC 19117
Inoculum (cfu) 10-100	Growth : Good Recovery rate : >=50.0% Colony characteristics : Grey green with black centre and black halo
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : None-poor Recovery rate : =10.0% Colony characteristics : Yellow colonies with yellow halo
Organism	Enterococcus faecalis ATCC 29212
Inoculum (cfu) 10-100	Growth : None-poor Recovery rate : =10.0% Colony characteristics : Grey colonies with brown green halo

Other Information

Applications

Used for isolation of Listeria sp. from clinical and non-clinical samples.

Composition	
Ingredients	gm/lt.
Peptic digest of animal tissue	23.00
Starch	1.00
Sodium chloride	5.00
Mannitol	10.00
Esculin	0.80
Dextrose	0.50

Ammonium ferric citrate	0.50
Lithium chloride	15.00
Phenol Red	0.08
Agar	13.00

Directions

1. Add 34.40 gm powder to 500 ml distilled/purified water.
2. Gently heat and bring to boil.
3. Autoclave at 15 psi at 121° C for 15 minutes.
4. Cool to 45-50°C and aseptically add rehydrated contents of 1 vial of Listeria Selective Supplement (PALCAM) (90345).
5. Mix well.

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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