



76366

Listeria Oxford Medium Base (Oxford Agar)

Part D

Specifications

Appearance (Colour)	Biege
Appearance (Form)	Free flowing, homogeneous powder
Solubility	55.50 gm/liter
Solubility before autoclaving (Clarity)	Clear to slightly opalescent gel with a bluish tinge
Gel strength	Firm, comparable with 1.5% agar gel
pH (25°C)	7.0 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent gel with a bluish tinge
Prepared Medium Appearance after autoclaving (Colour)	Dark amber
Cultural Response	Inoculate and incubate at 35 ± 2°C for 24-48 hours
Organism	Listeria monocytogenes ATCC 19112
Inoculum (cfu) 10-100	Growth : Good, Recovery rate : >=50%, Esculin hydrolysis : Positive reaction, blackening of medium around colony
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good, Recovery rate : >=40.0 - 50.0%, Esculin hydrolysis : Negative reaction
Organism	Escherichia coli ATCC 25922
Inoculum	>=10 ³ , Growth : Inhibited
Organism	Bacillus subtilis ATCC 6633
Inoculum	>=10 ³ , Growth : Inhibited

Other Information

Applications

Used for isolation of Listeria species from pathological samples.

Composition	
Ingredients	gm/lt.
Neopeptone	23.00
Sodium chloride	5.00
Corn Starch	1.00
Esculin	1.00
Lithium chloride	15.00
Ammonium Ferric citrate	0.50
Agar	10.00

Directions

1. Add 27.75 gm powder to 500 ml distilled/purified water and mix thoroughly.
2. Gently heat and bring to boiling.
3. Autoclave at 121 °C at 15 psi pressure for 15 minutes.
4. Aseptically, add the rehydrated contents of 1 vial of Oxford Listeria Supplement (42116) or 1 vial of Listeria Moxalactam Supplement (15650).
5. Mix well and dispense.

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	
100 Gms	Plastic Bottle

Available Packages

100 Gms
500 Gms

Disclaimer

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