



38284

## ChroMed Listeria Agar Base, Modified

Part D

### Specifications

Appearance (Colour)	Beige with pink tint
Appearance (Form)	Free flowing, homogeneous powder
Solubility	67.24 gms/litre
Solubility before autoclaving (Clarity)	Clear to very slightly opalescent
Gel strength	Firm, comparable with 1.5% agar gel
pH (25°C)	7.3 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent gel
Prepared Medium Appearance after autoclaving (Colour)	Red
Cultural Response	Inoculate and incubate at 30-37 °C for 24 - 48 hours
Organism	Listeria monocytogenes ATCC 19118
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colony colour : Bluish -green Rhamnose Fermentation : Positive reaction (yellow halo)
Organism	Listeria innocua ATCC 33090
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colony colour : Bluish -green Rhamnose Fermentation : Positive reaction (yellow halo)
Organism	Escherichia coli ATCC 25922
Inoculum	Growth : Inhibited
Organism	Pseudomonas aeruginosa ATCC 27853
Inoculum	Growth : Inhibited

### Other Information

#### Applications

For the selective identification and differentiation of Listeria monocytogenes.

Composition	
Ingredients	gm/lt.
Peptone, Special	23.00
Sodium chloride	5.00
Yeast extract	1.00
Meat extract	5.00
Lithium chloride	5.00
Rhamnose	10.00
Phenol Red	0.12

Chromogenic mixture	5.13
Agar	13.00

**Directions**

1. Add 33.62 gm powder to 500.0 ml 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.
4. If desired, aseptically add 1 vial of Listeria Selective Supplement. Mix well.

**General Information**

Storage	8 to 25°C (Cool & Dry Area)
Shelf Life	24 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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