



**37985**

## **Lactic Agar**

Part D

### **Specifications**

Appearance (Colour)	Beige
Appearance (Form)	Homogeneous, free flowing powder.
Solubility	63.5 gms/lit.
Solubility before autoclaving (Colour)	Light to medium amber
Solubility before autoclaving (Clarity)	Clear to slightly opalescent.
Prepared Medium Appearance	Light to medium amber, clear to very slightly opalescent.
Gel strength	Firm, comparable with 1.5% agar.
Cultural Response	Cultural Response : Inoculate and incubate at 35-37°C for 18 -48 hours.
Organism	Lactobacillus casei ATCC 9595
Inoculum (cfu) 10-100	Growth : Good Recovery : >=50.0%
Organism	Lactobacillus lactis ATCC 8000
Inoculum (cfu) 10-100	Growth : Good Recovery : >=50.0%
Organism	Streptococcus thermophilus ATCC 14485
Inoculum (cfu) 10-100	Growth : Good Recovery : >=50.0%

### **Other Information**

#### **Applications**

Recommended for enumeration and identification of lactic Streptococci and Lactobacilli by pour plate method.

<b>Composition</b>	
Ingredients	gm/lt.
Enzymatic digest of casein	20.00
Yeast extract	5.00
Gelatin	2.50
Sodium chloride	4.00
Dextrose	5.00
Lactose	5.00
Saccharose (Sucrose)	5.00
Sodium acetate	1.50
Ascorbic acid	0.50
Agar	15.00

#### **Directions**

1. Add 63.50 gms powder to 1.0 liter distilled water/deionised water.
2. Gently heat and bring to boiling.
3. Autoclave at 121°C at 15 psi pressure 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%)

## Available Packages

100 Gms

---

### Disclaimer

The information represented here may/may not represent the entire product specification, application or protocol recommended by Sisco Research Laboratories Pvt. Ltd. (SRL). This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above. For actual batch related documents, mail us.

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 099, Maharashtra, India. Telephone: +91-22-4268 5800, Email: info@srchem.com, website www.srchem.com

---