



35799

Aleksandrow Agar

Part D

Specifications

Appearance (Colour)	Cream to yellow
Appearance (Form)	Free, flowing homogeneous powder
Solubility	29.60 gms/lit.
Solubility before autoclaving (Colour)	Light amber
Solubility before autoclaving (Clarity)	opalescent
Gel strength	Firm,comparable with 2.0% agar gel
pH (25°C)	7.0 - 7.40
Prepared Medium Appearance after autoclaving (Clarity)	opaque gel with white precipitate
Prepared Medium Appearance after autoclaving (Colour)	Light to medium amber
Cultural Response	Inoculate and incubate at 35-37°C for 24 - 48 hours with the following organisms
Organism	Potassium solubilizing isolate
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Potassium solubilization : Positive reaction,clear zone surrounding the colony

Other Information

Applications

Widely used media for isolation and identification of Potassium solubilizing bacteria from soil samples.

Composition

Ingredients	gms/lit.
Magnesium sulphate	0.50
Calcium carbonate	0.10
Potassium alumino silicate	2.00
Dextrose	5.00
Ferric chloride	0.005
Calcium phosphate	2.00
Agar	20.00

Directions

1. Add 29.60 gm powder to 1.0 litre 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	98020000 (GST 18%)
500 Gms	98020000 (GST 18%)

Available Packages

100 Gms

500 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
