71788

Potato Dextrose Agar (PDA)

Part D

Specifications

Appearance (Colour)	Light cream
Appearance (Form)	Free, flowing homogeneous powder
Solubility	39.00 gm/lit
Solubility before autoclaving (Clarity)	Very slightly opalescent
Gel strength	Firm, comparable with 1.5% agar gel
pH (25°C)	5.6 ± 0.2
Prepared Medium Appearance after autoclaving (Colour)	Light amber
Prepared Medium Appearance after autoclaving (Clarity)	Very slightly opalescent
Cultural Response	Inoculate and incubate at 30 ± 2 °C for 18-48 hours or upto 7 days with the following
Organism	Candida albicans ATCC 10231
Inoculum (cfu) 10-100	Growth : Good
Organism	Saccharomyces cerevisiae ATCC 9763
Inoculum (cfu) 10-100	Growth : Good
Organism	Aspergillus niger ATCC 16404
Inoculum (cfu) 10-100	Growth : Good

Other Information

Applications

For the isolation, cultivation and enumeration of yeasts and molds from dairy and food products.Used to induce sporulation in many fungi.

Composition	
Ingredients	gm/lt.
Potatoes infusion from	200.00
Dextrose	20.00
Agar	15.00

Directions

1. Add 39.00 gm powder to distilled/purified water.
2. Bring volume to 1.0 liter and mix thoroughly.
3. Gently heat and bring to boiling.
4. 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	38210000 (GST 18%)
2 Kg	38210000 (GST 18%)
5 Kg	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)
Type of Packing	
2 Kg	Plastic Jar

Available Packages

100 Gms
500 Gms
2 Kg
5 Kg

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