



54880

Sporulation Broth

Part D

Specifications

Appearance (Colour)	Beige
Appearance (Form)	Free, flowing homogeneous powder
pH (25°C)	6.40 - 6.80
Solubility	15.8 gms/lit.
Solubility before autoclaving (Clarity)	Clear solution
Prepared Medium Appearance after autoclaving (Colour)	Light to medium amber
Prepared Medium Appearance after autoclaving (Clarity)	Clear solution without any precipitate
Cultural Response	Inoculate and incubate at 35 -37°C for upto 5 days.
Organism	Bacillus subtilis ATCC 6633
Inoculum (cfu) 10-100	Growth : Good Spore formation : Positive
Organism	Bacillus pumilus ATCC 14884
Inoculum (cfu) 10-100	Growth : Good Spore formation : Positive

Other Information

Applications

Recommended medium for promoting sporulation in Bacillus subtilis.

Composition

Ingredients	gms/lt.
Peptic digest of animal tissue	6.00
Tryptone	4.00
Yeast extract	3.00
Beef extract (ex.buffalo)	1.50
Dextrose	1.00
Manganous sulphate	0.30

Directions

1. Add 15.8 gms powder to distilled/purified water and bring volume to 10 liter.
2. Gently heat and bring to boiling.
3. Autoclave at 15 psi pressure at 121°C fir 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%)

500 Gms

38210000 (GST 18%)

Type of Packing

100 Gms

Plastic Bottle

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
