



94074

Shigella Broth Base

Part D

Specifications

Appearance (Colour)	Cream
Appearance (Form)	Free flowing, homogeneous powder
Solubility	31.50 gm/liter
Solubility before autoclaving (Clarity)	Clear solution
pH (25°C)	7.0 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear solution
Prepared Medium Appearance after autoclaving (Colour)	Light amber
Cultural Response	Inoculate and incubate at 37°C for 18 - 24 hours
Organism	Shigella dysenteriae ATCC 13313
Inoculum (cfu) 10-100	Growth : Good
Organism	Shigella flexneri ATCC 12022
Inoculum (cfu) 10-100	Growth : Good
Organism	Shigella sonnei ATCC 25931
Inoculum (cfu) 10-100	Growth : Good
Organism	Staphylococcus aureus ATCC 25923
Inoculum	Growth : Inhibited

Other Information

Applications

Used for the isolation and cultivation of Shigella species from food.

Composition

Ingredients	gm/lt.
Enzymatic digest of casein	20.00
Dextrose	1.00
Sodium chloride	5.00
Dipotassium hydrogen phosphate	2.00
Potassium dihydrogen orthophosphate	2.00
Polysorbate 80	1.50

Directions

1. Add 31.50 gm powder to 1.0 liter 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. Cool to 45-50°C and aseptically add 1 vial of Shigella selective supplement (45290). Mix well.

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
500 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
