



51072

M-HPC Agar, Base

Part D

Specifications

Appearance (Colour)	Light yellow
Appearance (Form)	Free flowing, homogeneous powder
Solubility	60.00 gm/liter
Solubility before autoclaving (Clarity)	Clear to slightly opalescent
Gel strength	Firm, comparable with 1.5% agar gel
pH (25°C)	7.1 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Light yellow
Cultural Response	Inoculate and incubate at 37°C for 18-24 hours
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good
Organism	Enterococcus faecalis ATCC 29212
Inoculum (cfu) 10-100	Growth : Good
Organism	Pseudomonas aeruginosa ATCC 27853
Inoculum (cfu) 10-100	Growth : Good

Other Information

Applications

For the cultivation and enumeration of heterotrophic organisms from potable water sources, swimming pools and other water specimens by the membrane filter method.

Composition

Ingredients	gm/lt.
Peptone	20.00
Gelatin	25.00
Agar	15.00

Directions

1. Add 60.00 gm powder to 1.0 liter of distilled/purified water and mix thoroughly.
2. Add 10 ml glycerol to above solution.
3. Gently heat and bring to boiling.
4. Autoclave at 15 psi pressure at 121°C for 5 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%)

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
