



54174

Marine Broth 2216 (Zobell)

Part D

Specifications

Appearance (Colour)	Cream
Appearance (Colour)	Free flowing, homogeneous powder
Solubility	40.25 gm/liter
Prepared Medium Appearance before autoclaving (Clarity)	Slightly opalescent to opalescent, with presence of slight precipitate.
pH (25°C)	7.6 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Slightly opalescent to opalescent, with presence of slight precipitate. and few dark particles
Prepared Medium Appearance after autoclaving (Colour)	Light amber
Cultural Response	Inoculate and incubate at 25°C- 30°C for 40-72 hours
Organism	Vibrio fischeri ATCC 7744
Inoculum (cfu) 10-100	Growth : Good
Organism	Vibrio harvyi ATCC 14216
Inoculum (cfu) 10-100	Growth : Good

Other Information

Applications

Used for cultivation of heterotrophic marine bacteria.

Composition	
Ingredients	gm/lt.
Peptone	5.00
Yeast extract	1.00
Ferric citrate	0.10
Sodium chloride	19.45
Magnesium chloride	8.80
Sodium sulphate	3.24
Calcium chloride	1.80
Potassium chloride	0.55
Sodium bicarbonate	0.16
Potassium bromide	0.08
Strontium chloride	0.034
Boric acid	0.022
Sodium silicate	0.004
Sodium fluoride	0.0024
Ammonium nitrate	0.0016

Disodium phosphate

0.008

Directions

1. Add 40.25 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. Dispense 50 ml of the broth in 250 ml Erlenmeyer flasks or as desired.

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

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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