



25511

Marine Agar 2216 (Zobell)

Part D

Specifications

Appearance (Colour)	Cream
Appearance (Colour)	Free flowing, homogeneous powder
Solubility	55.25 gm/liter
Solubility before autoclaving (Clarity)	Slightly opalescent to opalescent, with slight precipitate
Gel strength	Firm, comparable with 1.5% agar gel
pH (25°C)	7.6 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Slightly opalescent to opalescent, with slight precipitate
Prepared Medium Appearance after autoclaving (Colour)	Light amber
Cultural Response	Inoculate and incubate at 20° - 25°C for 40-72 hours
Organism	Vibrio fischeri ATCC 7744
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0%
Organism	Vibrio parahaemolyticus ATCC 17802
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0%

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
Agar	15.00

Directions

1. Add 55.25 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.

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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