



32639

Bushnell - Haas Agar

Part D

Specifications

Appearance (Colour)	White to light pink
Appearance (Form)	Free flowing, homogeneous powder
Solubility	23.27 gm/liter
Solubility before autoclaving (Clarity)	Slightly opalescent
Gel strength	Firm, comparable with 1.5% agar gel
pH (25°C)	7.0 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Light amber
Cultural Response	Inoculate and incubate at 25-30°C for upto 7 days
Organism	Pseudomonas aeruginosa ATCC 27853
Inoculum (cfu) 10-100	Growth (Plain):- Poor Recovery w/hydrocarbons:- Good
Organism	Pseudomonas aeruginosa ATCC 9027
Inoculum (cfu) 10-100	Growth (Plain):- Poor Recovery w/hydrocarbons:- Good

Other Information

Applications

For examining fuels for microbial contamination and for studying hydrocarbon utilization by microorganisms.

Composition

Ingredients	gm/lt.
Magnesium sulphate	0.20
Calcium chloride anhydrous	0.02
Monopotassium phosphate	1.00
Dipotassium phosphate	1.00
Ammonium nitrate	1.00
Ferric chloride	0.05
Agar	20.00

Directions

1. Add 23.27 gm powder to 1.0 liter of 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 into sterile petri plates.

?Note : A white precipitate prior to sterilization becoming yellow to orange after sterilization is normal.

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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