80358

Pseudomonas Agar for Pyocyanin

Part D

Specifications

Appearance (Colour)	Light biege
Appearance (Form)	Free flowing, homogeneous powder
Solubility	46.40 gm/liter
Solubility before autoclaving (Clarity)	Clear to slightly opalescent
Gel strength	Firm, comparable with 1.5% agar gel
pH (25°C)	7.0 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Light to medium amber
Cultural Response	Inoculate and incubate at 35 ± 2°C for 18-24 hours
Organism	Pseudomonas aeruginosa ATCC 27853
Inoculum (cfu) 10-100	Growth : Good,Recovery Rate : >=50%, Pigment Production : Blue-green colonies, greenish pigment diffusing into the surrounding medium; fluorescence under UV light
Organism	Pseudomonas aeruginosa ATCC 9027
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate : >=50%, Pigment Production : Blue-green colonies, greenish pigment diffusing into the surrounding medium; fluorescence under UV light
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Fair -Good, Recovery Rate : >=40 - 50%, Pigment Production : No pigmentation observed

Other Information

Applications

For the isolation, cultivation and differentiation of Pseudomonas species on the basis of pyocyanin production.

Composition	
Ingredients	gm/lt.
Proteose peptone No.3	20.00
Magnesium chloride	1.40
Potassium sulphate	10.00
Agar	15.00

Directions

1. Add 10 gm of glycerol to distilled/purified water.
2. Add 46.40 gm powder to 1.0 liter distilled/purified water and mix thoroughly.
3. Gently heat and bring to boiling.
4. 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

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