



11411

King's Medium A Base

Part D

Specifications

Appearance (Colour)	Cream to yellow
Appearance (Form)	Free flowing, homogeneous powder
Solubility	46.64 gm/liter
Solubility before autoclaving (Clarity)	Clear to slightly opalescent
Gel strength	Firm, comparable with 1.5% agar gel
pH (25°C)	7.3 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Light yellow
Cultural Response	Incubate at 35 ± 2°C for 18-24 hours
Organism	<i>Pseudomonas aeruginosa</i> ATCC 27853 Growth : Good Recovery Rate : ≥70.0% Pigment production : blue-green
Inoculum (cfu) 10-100	
Organism	<i>Pseudomonas aeruginosa</i> ATCC 9027 Growth : Good Recovery Rate : ≥70.0% Pigment production : blue-green
Inoculum (cfu) 10-100	

Other Information

Applications

For the non selective isolation, cultivation and pigment production of *Pseudomonas*.

Composition

Ingredients	gm/lt.
Proteose peptone	20.00
Potassium sulphate	10.00
Magnesium chloride, anhydrous	1.64
Agar	15.00

Directions

1. Add 46.64 gm powder to 1.0 liter distilled/purified water, containing 10.0 ml glycerol.
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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