



21694

King's Medium B Base

Part D

Specifications

Appearance (Colour)	Cream to yellow
Appearance (Form)	Free flowing, homogeneous powder
Solubility	42.23 gm/liter
Solubility before autoclaving (Clarity)	Clear to slightly opalescent
Gel strength	Firm, comparable with 2.0% agar gel
pH (25°C)	7.2 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to 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
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : ≥70.0% Pigment production : greenish yellow
Organism	<i>Pseudomonas aeruginosa</i> ATCC 17934
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : ≥70.0% Pigment production : greenish yellow
Organism	<i>Pseudomonas aeruginosa</i> ATCC 9027
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : ≥70.0% Pigment production : greenish yellow
Organism	<i>Burkholderia cepacia</i> ATCC 25609
Inoculum (cfu) 10-100	Growth : Good Pigment production : No pigment

Other Information

Applications

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

Composition

Ingredients	gm/lt.
Proteose peptone	20.00
Dipotassium hydrogen phosphate	1.50
Magnesium sulphate, heptahydrate	1.50
Agar	20.00

Directions

1. Add 42.23 gm powder to distilled/purified water .
2. Bring volume to 1.0 liter containing 15.0 ml glycerol and mix thoroughly.
3. Gently heat and bring to boiling.
4. Autoclave at 15 psi pressure at 121°C for 15 minutes.
5. Dispense into sterile petri plates.

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	
500 Gms	Plastic Bottle

Available Packages

100 Gms
500 Gms

Disclaimer

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