



46706

ChroMed Klebsiella Selective Agar Base

Part D

Specifications

Appearance (Colour)	Beige
Appearance (Form)	Free flowing, homogeneous powder
Solubility	40.08 gm/liter
Solubility before autoclaving (Clarity)	Very slightly opalescent
Gel strength	Firm, comparable with 1.5% agar gel
pH (25°C)	7.1 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Medium amber
Cultural Response	Inoculate and incubate at 37°C for 18 - 24 hours
Organism	Klebsiella pneumoniae ATCC 13883
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colony characteristics : Purple-magenta (mucoid)
Organism	Escherichia coli ATCC 25922
Inoculum	Growth : Inhibited
Organism	Enterobacter aerogenes ATCC 13048
Inoculum	Growth : Inhibited
Organism	Salmonella typhimurium ATCC 14028
Inoculum	Growth : Inhibited

Other Information

Applications

Used for the selective isolation and detection of Klebsiella species from water and other sources. This medium can also be used in membrane filtration procedure.

Composition

Ingredients	gm/lt.
Peptone	10.00
Yeast extract	7.00
Meat extract	2.00
Sodium chloride	5.00
Bile salts mixture	1.50
Sodium lauryl sulphate	0.10
Chromogenic mixture	0.2
Agar	15.00

Directions

1. Add 20.4 gm powder to 500.0 ml distilled/purified water and mix thoroughly.
2. Gently heat and bring to boiling.
3. Do not Autoclave.
4. Cool to 45-50°C and aseptically add the rehydrated contents of 1 vial of Klebsiella Selective Supplement (29760).
5. Mix well and pour into sterile petri plates.

General Information

Storage	2 to 8°C (Refrigerate)
Shelf Life	24 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
100 Gms	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)

Available Packages

100 Gms
500 Gms

Disclaimer

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