42465

Urea Agar Base (Christensen) BioVeg

Part D

Specifications

Appearance (Colour)	Light orange
Appearance (Form)	Free flowing, homogeneous powder
Solubility	24.00 gm/liter
Solubility before autoclaving (Clarity)	Clear to very slightly opalescent
Gel strength	Firm comparable with 1.5% agar gel
pH (25°C)	6.8 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Yellowish orange
Cultural Response	Inoculate and incubate at 37°C for 18-24 hours
Organism	Proteus vulgaris ATCC 13315
Inoculum (cfu) 10-100	Growth : Good, Urease Production : +
Organism	Proteus mirabilis ATCC 25933
Inoculum (cfu) 10-100	Growth : Good, Urease Production : +
Organism	Enterobacter aerogenes ATCC 13048
Inoculum (cfu) 10-100	Growth : Good, Urease Production : -
Organism	Salmonella typhimurium ATCC 14028
Inoculum (cfu) 10-100	Growth : Good, Urease Production : -
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good, Urease Production : -

Other Information

Applications

Used for the detection of urease production by Proteus species and for identification of other members of Enterobacteriaceae.

Composition	
Ingredients	gm/lt.
Veg. Peptone	1.00
Dextrose	1.00
Sodium chloride	5.00
Monopotassium phosphate	0.80
Disodium phosphate	1.20
Phenol Red	0.012
Agar	15.00

Directions

1. Add 24.00 gm powder to 950ml 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. Cool to 50°C.
5. Under aseptic conditions, add 50ml of sterile 40% Urea solution (80192) and mix well.
6. Dispense into sterile test tubes.Allow tubes to solidify in a slanted position.

General Information

Storage	8 to 25°C (Cool & Dry Area)
Shelf Life	36 Months
IMDG Identification	Restricted for export from India
HSN Code	
100 Gms	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)

Available Packages

100 Gms
500 Gms

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 099, Maharashtra, India. Telephone: +91-22-4268 5800, Email: info@srlchem.com, website www.srlchem.com