72464

GC Agar Base

Part D

Specifications

Appearance (Colour)	Light cream to yellow coloured
Appearance (Form)	Free flowing, homogeneous powder
Solubility	72.00 gm/liter (for double strength media)
Solubility before autoclaving (Clarity)	Clear to opalescent
Gel strength	Firm, comparble with 1.5% Agar gel
pH (25°C)	7.2 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent. After addition of Haemoglobin: Chocolate brown coloured opaque
Prepared Medium Appearance after autoclaving (Colour)	Light to medium amber.
Cultural Response	Inoculate and incubate at 35-37°C for 40-48 hours at 5-10.0 % carbondioxide and 70.0% humidity
Organism	Streptococcus pyogenes ATCC 19615
Inoculum (cfu) 10-100	Growth : Good Recovery rate : >= 50.0%
Organism	Streptococcus peumoniae ATCC 6303
Inoculum (cfu) 10-100	Growth : Good Recovery rate : >= 50.0%
Organism	Haemophilus influenzae ATCC 19418
Inoculum (cfu) 10-100	Growth : Good Recovery rate : >= 50.0%
Organism	Neisseria gonorrhoeae ATCC 19424
Inoculum (cfu) 10-100	Growth : Good Recovery rate : >= 50.0%
Organism	Neisseria meningitidis ATCC 13090
Inoculum (cfu) 10-100	Growth : Good Recovery rate : >= 50.0%

Other Information

Applications

Used for isolation and cultivation of Gonococci.

Composition	
Ingredients	gms/lt.
Peptone, special 15.00	15.00
Corn starch 1.00	1.00
Dipotassium phosphate 4.00	4.00
Monopotassium phosphate 1.00	1.00
Sodium chloride 5.00	5.00
Agar 10.00	10.00

Directions

1. Add 7.20 gm powder to 100 ml of distilled/purified water and mix thoroughly for double strength media.
2. Gently heat and bring to boiling.
3. Autoclave at 15 psi pressure at 121°C for 15 minutes.
4 .Cool to 45-500C.Aseptically add prepared Haemoglobin solution (100 ml of 2.0% solution and GC supplement with antibiotics). Mix well.

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

Available Packages

100 Gms
500 Gms

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