



34609

Aero Pseudo Selective Agar (GSP Agar)

Part D

Specifications

Appearance (Colour)	Cream to yellow, with pink tint
Appearance (Form)	Free flowing, homogeneous powder
Solubility	44.86 gm/liter
Solubility before autoclaving (Clarity)	Clear to slightly opalescent
Gel strength	Firm, comparable with 1.2% agar gel
pH (25°C)	7.2 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Red
Cultural Response	Inoculate and incubate at 37 ± 2°C for 18-24 hours
Organism	Aeromonas hydrophila ATCC 7966
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colony characteristics : Yellow, surrounded by yellow zone
Organism	Pseudomonas aeruginosa ATCC 27853
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colony characteristics : Red violet surrounded by red violet zone.
Organism	Pseudomonas aeruginosa ATCC 9027
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colony characteristics : Red violet surrounded by red violet zone.
Organism	Escherichia coli ATCC 25922
Inoculum	10 ³ Growth : Poor - Fair
Organism	Staphylococcus aureus ATCC 25923
Inoculum	10 ³ Growth : Inhibited

Other Information

Applications

Used for detection of Aeromonas and Pseudomonas in food, as well as in equipments and water supplies of food industry.

Composition

Ingredients	gms/lt.
Sodium L-glutamate	10.00
Starch, soluble	20.00
Potassium dihydrogen phosphate	2.00
Magnesium sulfate	0.50

Phenol Red	0.36
Agar	12.00

Directions

1. Add 44.86 gm powder to 1.0 liter distilled/purified water and mix thoroughly.
2. Gently heat and bring to boiling to dissolve medium completely.
3. Autoclave at 15 psi pressure at 121°C for 15 minutes.
4. Cool to 45 - 50°C.
5. If desired, add 10,000 IU Penicillin G sodium salt, 0.01 gm Pimaricin, Mix well.

General Information

Storage	8 to 25°C (Cool & Dry Area)
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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