



55418

Aeromonas Isolation Medium Base

Part D

Specifications

Appearance (Colour)	Light yellow to light tan
Appearance (Form)	Free flowing, homogeneous powder
Solubility	56.30 gm/liter
Solubility before boiling (clarity)	Clear to slightly opalescent
Gel strength	Firm comparable with 1.5% agar gel
pH (25°C)	8.0 ± 0.2
Prepared medium appearance after boiling (clarity)	Clear to very slightly opalescent
Prepared medium appearance after boiling (colour)	Dark green
Cultural Response	Inoculate and incubate plates at 37°C for 18-24 hours
Organism	Aeromonas hydrophila ATCC 7966
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colony colour - dark green, opaque with dark center
Organism	Pseudomonas aeruginosa ATCC 27853
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colony colour- blue/grey, translucent, pinpoint
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Inhibited
Organism	Salmonella typhi ATCC 6539
Inoculum (cfu) 10-100	Growth : Inhibited

Other Information

Applications

For the selective differentiation and isolation of Aeromonas hydrophila and other Aeromonas species from clinical specimens and foods.

Composition	
Ingredients	gm/lt.
Peptone, special	5.00
Yeast extract	3.00
L-Lysine hydrochloride	3.50
L-Arginine hydrochloride	2.00
Inositol	2.50
Lactose	1.50
Sorbitol	3.00
Xylose	3.75

Bile salts	3.00
Sodium thiosulphate	10.67
Sodium chloride	5.00
Ferric ammonium citrate	0.80
Bromothymol blue	0.04
Thymol blue	0.04
Agar	12.50

Directions

1. Add 28.15 gm powder to distilled/purified water.
2. Bring volume to 500.0 ml and mix thoroughly.
3. Gently heat and bring to boiling.
4. Do not autoclave. Do not Overheat.
5. Cool to 45-50°C.
6. Aseptically add rehydrated contents of 1 vial of Aeromonas Selective Supplement (63013).
7. Mix well and dispense as desired.

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

Disclaimer

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