



41524

Arabinose Agar Base

Part D

Specifications

Appearance (Colour)	Light yellow to pink
Appearance (Form)	Free flowing, homogeneous powder
Solubility	54.10 gm/litre
Solubility before autoclaving (Clarity)	Clear to slightly opalescent
Gel strength	Firm, comparable with 1.5% Agar gel
pH (25°C)	7.8 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Red coloured
Cultural Response	Inoculate and incubate at 37 ± 2°C for 24-48 hours
Organism	Escherichia coli ATCC 25922
Inoculum	Growth : Inhibited
Organism	Enterococcus faecalis ATCC 29212
Inoculum (cfu) 10-100	Growth : Good Recovery : >=50% Colony colour : Colourless to pink
Organism	Enterococcus faecium ATCC 19434
Inoculum (cfu) 10-100	Growth : Good Recovery : >=50% Colony colour : Yellow
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Inhibited
Organism	Pseudomonas aeruginosa ATCC 27853
Inoculum	Growth : Inhibited

Other Information

Applications

Used for selective isolation of Enterococcus faecium from faeces, sewage and water samples.

Composition	
Ingredients	gm/lt.
Peptone, special	23.00
Corn starch	1.00
Sodium chloride	5.00
Arabinose	10.00
Phenol Red	0.10
Agar	15.00

Directions

1. Add 27.05 gm powder to distilled/purified water.
2. Bring volume to 500 ml.
3. Gently heat and bring to boiling.
4. Do not autoclave.
5. Cool to 45-50°C, add rehydrated of 1 vial of Enterococcus faecium selective supplement.

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%)

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
