
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<br>Recovery : >=50%<br>Colony colour : Colourless to pink |
| Organism | Enterococcus faecium ATCC 19434 |
| Inoculum (cfu) 10-100 | Growth : Good<br>Recovery : >=50%<br>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 |



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