



**69574**

**Beef Extract Agar (ex. Buffalo)**

Part D

**Specifications**

Appearance (Colour)	Biege
Appearance (Form)	Free flowing, homogeneous powder
Solubility	33.00 gm/liter
Solubility before autoclaving (Clarity)	Clear to very slightly opalescent
Gel strength (1.5% gel)	Firm, comparable with 1.5% agar gel
pH (25°C)	7.6 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Light to medium amber
Cultural Response	Inoculate and incubate at 37°C for 18 - 24 hours
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%
Organism	Salmonella typhi ATCC 6539
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%
Organism	Pseudomonas aeruginosa ATCC 27853
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%
Organism	Candida albicans ATCC 10231
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%

**Other Information**

**Applications**

For the cultivation and maintenance of a wide variety of microorganisms.

**Composition**

Ingredients	gm/lt.
Agar	15.00
Beef extract	3.00
Sodium chloride	5.00
Peptone	10.00

**Directions**

1. Add 33.00 gm powder to 1.0 liter distilled/purified water and mix thoroughly.
2. Gently heat and bring to boiling.
3. Autoclave at 15 psi pressure at 121°C for 15 minutes.

## 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

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### Disclaimer

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