



49946

## Casitose Agar w/ 1.5% Agar

Part D

### Specifications

Appearance (Colour)	Beige
Appearance (Form)	Free flowing ,homogeneous powder
Solubility	35.5 gms/lit.
Solubility before autoclaving (Clarity)	Light to medium amber,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 (Colour)	Light to medium amber
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent
Cultural Response	Inoculate and incubate at 37°C for 18 - 24 hours.
Organism	Enterococcus faecalis ATCC 29212
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%

### Other Information

#### Applications

Used as a general purpose medium for cultivation of microorganisms.

#### Composition

Ingredients	gms/lt.
Tryptone	5.00
Beef extract (ex.buffalo)	1.50
Peptone	5.00
Yeast autolysate	1.50
Sodium phosphate	2.50
Sodium chloride	5.00
Agar	15.00

#### Directions

1. Add 35.50 gm powder to 1.0 litre distilled/purified water containing 22.0 ml glycerol .Mix thoroughly.
2. Gently heat and bring to boiling.
3. Autoclave at 15 psi pressure at 121°C for 15 minutes.

### General Information

Storage

2 to 8°C (Refrigerate)

Shelf Life	36 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
5 Kg	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)

### Available Packages

500 Gms

5 Kg

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#### Disclaimer

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