



15628

Giollotti Cantoni Broth Base

Part D

Specifications

Appearance (Colour)	Brownish yellow
Appearance (Form)	Free flowing, homogeneous powder
Solubility	54.20 gm/liter
Solubility before autoclaving (Clarity)	Clear without any precipitate
pH (25°C)	6.9 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear without any precipitate
Prepared Medium Appearance after autoclaving (Colour)	Medium amber
Cultural Response	Inoculate and incubate at 35 ± 2°C for 24-48 hours
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good, Tellurite Reaction : (+)
Organism	Escherichia coli ATCC 25922
Inoculum	>=10 ³ , Growth : Inhibited, Tellurite Reaction : (-)
Organism	Micrococcus luteus ATCC 10240
Inoculum	>=10 ³ , Growth : Inhibited, Tellurite Reaction : (-)
Key	Tellurite Reaction (+) : Positive, blackening at the bottom of tubes / general blackening of the medium Tellurite Reaction (-) : No blackening of medium

Other Information

Applications

Used for the cultivation and enrichment of Staphylococcus aureus from foods.

Composition

Ingredients	gm/lt.
Tryptone	10.00
Beef extract (ex.buffalo)	5.00
Yeast extract	5.00
Mannitol	20.00
Sodium chloride	5.00
Lithium chloride	5.00
Glycine	1.20
Sodium pyruvate	3.00

Directions

1. Add 54.20 gm powder to distilled/purified water.
2. Bring volume to 1.0 litre and mix thoroughly.
3. Gently heat and bring to boiling.
4. Dispense 19 ml medium into each test tube.
5. Autoclave at 15 psi pressure at 121°C for 15 minutes.
6. Cool the tubes at room temperature.
7. Aseptically add 0.3 ml of 3.5% Potassium tellurite solution(99482) to each tube.

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
500 Gms	Plastic Bottle

Available Packages

100 Gms
500 Gms

Disclaimer

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