



57081

Violet Red Bile Agar (1.2%) (I)

Part D

Specifications

Appearance (Colour)	Reddish beige
Appearance (Form)	Free flowing, homogeneous powder
Solubility	38.53 gm/liter
Solubility before autoclaving (Clarity)	Clear to slightly opalescent
Gel strength	Firm, comparable with 1.2% agar gel
pH (25°C)	7.4 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Reddish purple
Cultural Response	Inoculate and incubate at 32 ± 2°C for 18-24 hours
Organism	Escherichia coli ATCC 25922 Growth : Good Recovery Rate : >=50.0% Colony colour : pinkish red w/bile precipitate
Inoculum (cfu) 10-100	
Organism	Enterobacter aerogenes ATCC 13048 Growth : Good Recovery Rate : >=50.0% Colony colour : red may have a slight red precipitate
Inoculum (cfu) 10-100	
Organism	Staphylococcus aureus ATCC 25923 >=10 ³ Growth : Inhibited
Inoculum	
Organism	Pseudomonas aeruginosa ATCC 27853 Growth : Good Recovery Rate : >=50.0% Colony colour : colorless to beige colonies
Inoculum (cfu) 10-100	

Other Information

Applications

Recommended medium for selective isolation, detection and enumeration of coliforms in water, milk and other dairy products.

Composition	
Ingredients	gms/lt.
Peptone	7.00
Yeast extract	3.00
Lactose	10.00
Sodium chloride	5.00
Bile salts mixture	1.50
Neutral Red	0.03

Crystal Violet	0.002
Agar	12.00
Description	<ol style="list-style-type: none"> 1. Add 38.53 gm powder to 1.0 liter of distilled/purified water and mix thoroughly. 2. Gently heat with frequent agitation and bring to boiling. 3. Do not autoclave or overheat. 4. Cool to 45-50°C and dispense as desired.

General Information

Storage	8 to 25°C (Cool & Dry Area)
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

Available Packages

100 Gms
500 Gms

Disclaimer

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