52192

Plate Count Agar BioVeg

Part D

Specifications

Appearance (Colour)	Light cream
Appearance (Form)	Free flowing, homogeneous powder
Solubility	17.50 gm/liter
Solubility before autoclaving (Clarity)	Clear to very slightly opalescent
pH (25°C)	7.0 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Light amber
Cultural Response	Inoculate and incubate at 37°C for 18 - 24 hours
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good
Organism	Enterococcus faecalis ATCC 29212
Inoculum (cfu) 10-100	Growth : Good
Organism	Bacillus subtilis ATCC 6633
Inoculum (cfu) 10-100	Growth : Good
Organism	Streptococcus pyogenes ATCC 19615
Inoculum (cfu) 10-100	Growth : Good
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good
Organism	Lactobacillus casei ATCC 9595
Inoculum (cfu) 10-100	Growth : Good
Organism	Lactobacillus acidophilus ATCC 11506
Inoculum (cfu) 10-100	Growth : Good

Other Information

Applications

For the enumeration of viable bacteria in milk and dairy products, heterotrophic bacteria in water by pour plate technique.

Composition	
Ingredients	gm/lt.
Agar	9.00
Veg. Hydrolysate	5.00
Yeast extract	2.50
Dextrose	1.00

Directions

1. Add 17.50 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.
4. Dispense into sterile petri plates.

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

Available Packages

100 Gms
500 Gms

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