



51960

Peptone BioVeg BactoBio for bacteriology

Part D

Specifications

Appearance (Colour)	Light to medium tan
Appearance (Form)	Free flowing, homogeneous powder
Solubility (Colour) 2% aq. solution	Light to medium amber, clear
pH (25°C)	7.0 ± 0.2
Stability (After autoclaving)	Light to medium amber, clear
Loss on drying	5.0%
Nitrogen content (N)	11.5 - 15.5 %
NaCl	5.0%
Ash	10.0%
Total Aerobic microbial count	(By Plate Count Method); =10,000 cfu/gm
Total Yeast and Mould count	(By Plate Count Method); =100 cfu/gm
Coagulable Protein Test	Passes test
Cultural Response	Inoculate and incubate at 37°C for 18-48 hours
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good
Organism	Pseudomonas aeruginosa ATCC 25923
Inoculum (cfu) 10-100	Growth : Good
Organism	Enterobacter aerogenes ATCC 13048
Inoculum (cfu) 10-100	Growth : Good
Indole Production (0.1%)	Escherichia coli ATCC 25922 Growth : Good, Result : Positive
Hydrogen Sulphide Production (1.0%)	Salmonella typhimurium ATCC 14028 Growth : Good, Result : Positive
Fermentable carbohydrates (2%)	Escherichia coli ATCC 25922 Growth : Good, Result : Negative
Acetylmethylcarbinol Production	Enterobacter aerogenes ATCC 13048 Growth : Good, Result : Positive

Other Information

Applications

Peptone derived from vegetable/plant source; is alternative to traditional animal based peptones. It contains polypeptides and amino acids which provides readily available source of nitrogen and minerals for the growth of bacteria and fungi.

General Information

Storage	8 to 25°C (Cool & Dry Area)
Shelf Life	36 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
10 Kg	38210000 (GST 18%)
5 Kg	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)
Type of Packing	
5 Kg	Plastic Jar
500 Gms	Plastic Bottle

Available Packages

500 Gms
5 Kg
10 Kg

Disclaimer

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