



55785

Bio Peptone (Mixture of Casein & Meat Peptone) BactoBio for bacteriology

Part D

Specifications

Appearance (Colour)	Cream to yellow
Appearance (Form)	Free flowing, homogeneous powder
Solubility (Colour) 2% aq. solution	Light to medium amber, clear without any precipitate
pH (25°C)	6.0 - 7.0 (2.0%)
Stability (After autoclaving)	Light to medium amber, clear without any precipitate
Loss on drying	5.0 %
Nitrogen content (N)	~ 12.0 -13.0%
Total Aerobic microbial count	(By Plate Count Method) : 10,000 cfu/gm
Total Yeast and Mould count	(By Plate Count Method) : 100 cfu/gm
Cultural Response	Inoculate and incubate at 37°C for 18-24 hours
Organism	Clostridium perfringens ATCC 12924
Inoculum (cfu) 10-100	Growth : Good
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good
Organism	Streptococcus pyogenes ATCC 19615
Inoculum (cfu) 10-100	Growth : Good
Indole Production (0.1%)	Positive
Fermentable carbohydrates (2%)	Negative
Hydrogen Sulphide Production (1.0%)	Positive
Residue on ignition	= 12.0 %

Other Information

Applications

Biopeptone is a mixture of enzymic digest of casein and meat peptone. It is recommended for the cultivation of fastidious microorganisms in Columbia Broth Base, Dextrose Agar and Casman Agar Base.

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	
500 Gms	Plastic Bottle

Available Packages

500 Gms
5 Kg
10 Kg

Disclaimer

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608-B, Satellite Gazebo, Andheri Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 099, Maharashtra, India. Telephone: +91-22-4268 5800, Email: info@srchem.com, website www.srchem.com
