



91980

Meat Peptone Type P BactoBio for bacteriology

Part D

Specifications

Appearance (Colour)	Biege
Appearance (Form)	Free flowing, homogeneous powder
Solubility (Colour) 2% aq. solution	Light to medium amber, clear
pH (25°C)	7.0 ± 0.5 (2%)
Stability (After autoclaving)	Light to medium amber, clear
Loss on drying	= 5.0 %
Nitrogen (N)	12.0 - 14.0 %
NaCl	5.0%
Ash	14.0%
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	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good
Organism	Pseudomonas aeruginosa ATCC 27853
Inoculum (cfu) 10-100	Growth : Good
Organism	Streptococcus pyogenes ATCC 19615
Inoculum (cfu) 10-100	Growth : Good
Indole Production (0.1%)	Passes test (Positive)

Other Information

Applications

It is obtained by proteolytic digestion of meat with pepsin to retain nutritive properties of peptone. Suitable for growth of fastidious microorganisms.

General Information

Storage	8 to 25°C (Cool & Dry Area)
Shelf Life	36 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
500 Gms	38210000 (GST 18%)

Type of Packing

500 Gms

Plastic Bottle

Available Packages

500 Gms

Disclaimer

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