



75750

Gelatin Peptone BactoBio for bacteriology

Part D

CAS : 91079-43-5

Specifications

Solubility (Colour) 2% aq. solution	Light to medium amber, clear
pH (25°C)	6.5 - 7.5 (2.0 %)
Stability (After autoclaving)	Light to medium amber, clear
Loss on drying	=5.0%
Nitrogen content (N)	14.0 - 16.0 %
NaCl	6.0 %
Ash	15.0%
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	Enterococcus faecalis ATCC 29212
Inoculum (cfu) 10-100	Growth : Good
Organism	Proteus vulgaris ATCC 13315
Inoculum (cfu) 10-100	Growth : Good
Indole Production (0.1%)	Negative

Other Information

Applications

Gelatin peptone, prepared by enzymatic digest of Gelatin; is used as an ingredient in media for fermentation studies and to support growth of non-fastidious microorganisms. It is characterised by low Cystine, Tryptophan and Carbohydrate content .

General Information

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

Type of Packing

500 Gms

Plastic Bottle

Available Packages

500 Gms

5 Kg

Disclaimer

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