



11828

## Meat Peptone Type T BactoBio for bacteriology

Part D

### Specifications

Appearance (Colour)	Beige
Appearance (Form)	Free flowing, homogeneous powder
Solubility (Colour) 2% aq. solution	Medium amber, clear
pH (25°C)	6.5 -7.5
Stability (After autoclaving)	Medium amber, clear
Loss on drying	=5.0%
Nitrogen (N) content	>=12.0%
NaCl	=6.0%
Residue on ignition	=15.0%
Total Aerobic microbial count	=10,000 cfu/gm
Total Yeast and Mould count	=100 cfu/gm
Indole Production (0.1%)	Passes Test
Hydrogen Sulphide Production (1.0%)	Passes Test
Cultural Response	Inoculate and incubate at 37°C for 18 - 24 hours with following organisms
Organism	Escherichia coli ATCC 25922
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
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good
Organism	Salmonella typhimurium ATCC 14028
Inoculum (cfu) 10-100	Growth : Good

### Other Information

#### Applications

It is obtained by proteolytic digestion of meat with Trypsin. Suitable for mass scale cultivation of microorganisms for production of antibiotics, vitamins, enzymes etc.

### General Information

Storage	8 to 25°C (Cool & Dry Area)
IMDG Identification	Not Regulated for Transport (Non-Haz)

HSN Code

500 Gms

38210000 (GST 18%)

### Available Packages

500 Gms

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#### Disclaimer

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