



61796

## Casein Peptone BactoBio for bacteriology

Part D

### Specifications

Appearance (Colour)	Light to medium yellow, free flowing, homogeneous powder
Solubility (Colour) 2% aq. solution	Light to medium amber, clear
pH (25°C)	7.0 ± 0.5 (2.0 %)
Stability (After autoclaving)	Light to medium amber, clear
Loss on drying	= 5.0%
Nitrogen content (N)	NLT 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
Cultural Response	Inoculate and incubate at 37°C for 18-24 hours
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good
Organism	Klebsiella pneumoniae ATCC 13883
Inoculum (cfu) 10-100	Growth : Good
Organism	Enterobacter aerogenes ATCC 13048
Inoculum (cfu) 10-100	Growth : Good
Indole Production (0.1%)	Positive (Passes Test)

### Other Information

#### Applications

An enzymatic digest of casein, rich in amino acids and peptides. Used as a nitrogen source in microbiological media.

### 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	
5 Kg	Plastic Jar

500 Gms

Plastic Bottle

### Available Packages

500 Gms

5 Kg

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#### Disclaimer

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