



95292

Peptone BactoBio for bacteriology

Part D

CAS : 73049-73-7

Specifications

Appearance (Colour)	Light to medium tan
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 content (N)	11.5 - 15.5 %
NaCl	5.0 %
Ash	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
Coagulable Protein Test	Passes Test
Proteose test	Passes Test
Nitrite test	Passes Test
Cultural Response	Growth Promotion Properties : 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	Pseudomonas aeruginosa ATCC 27853
Inoculum (cfu) 10-100	Growth : Good
Organism	Enterobacter aerogenes ATCC 13048
Inoculum (cfu) 10-100	Growth : Good
Indole Production (0.1%)	Escherichia coli ATCC 25922 Growth : Good, Result : Positive
Fermentable carbohydrates (2%)	Escherichia coli ATCC 25922 Growth : Good, Result : Negative
Hydrogen Sulphide Production (1.0%)	Salmonella typhimurium ATCC 14028 Growth : Good, Result : Positive
Acetylmethylcarbinol Production	Enterobacter aerogenes ATCC 13048 Growth: Good, Result : Positive

Other Information

Applications

Used in various general and diagnostic media, also for large-scale production of enzymes, vaccines, antibiotics, etc. Peptic digest of animal tissue also used in microbiological culture 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	
25 Kg	38210000 (GST 18%)
5 Kg	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)

Available Packages

500 Gms

5 Kg

25 Kg

Disclaimer

The information represented here may/may not represent the entire product specification, application or protocol recommended by Sisco Research Laboratories Pvt. Ltd. (SRL). This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above. For actual batch related documents, mail us.

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
