



23136

Peptone Granulated BactoBio for bacteriology

Part D

Specifications

Appearance (Colour)	Light to medium tan
Appearance (Form)	Free flowing, granules
Solubility (Colour) 2% aq. solution	Light to medium amber, clear
pH (25°C)	7.0 ± 0.2 (2%)
Stability (After autoclaving)	Light to medium amber, clear
Loss on drying	5.0%
Nitrogen content (N)	11.5 - 15.5 %
Ash	10%
NaCl	5.0%
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	Growth Promoting Properties : Inoculate and incubate at 37°C for 18 - 48 hours with following organisms
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	Enterobacter aerogenes ATCC 13048
Inoculum (cfu) 10-100	Growth : Good
Indole Production (0.1%)	Escherichia coli ATCC 25922 Growth : Good, Result : Positive
Hydrogen Sulphide Production (1.0%)	Salmonella typhimurium ATCC 14028 Growth : Good, Result : Positive
Fermentable carbohydrates (2%)	Escherichia coli ATCC 25922 Growth : Good, Result : Negative
Acetylmethylcarbinol Production	(0.1% peptone w/0.5% Dextrose) Enterobacter aerogenes ATCC 13048 Growth : Good, Result : Positive

Other Information

Applications

A peptic digest of animal tissue used in various general and diagnostic media also for large scale production of enzyme, vaccines, antibiotics, etc.

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%)

Available Packages

500 Gms

5 Kg

Disclaimer

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