



67146

Yeast Autolysate (Yeast Peptone) BactoBio for microbiology

Part D

CAS : 84604-16-0

Specifications

Appearance (Colour)	Brownish yellow
Solubility (Colour) 2% aq. solution	Completely soluble in distilled water
pH (25°C)	7.0 ± 0.5 (2.0%)
Stability (After autoclaving)	Medium amber to yellowish brown, clear
Loss on drying	5.0 %
Nitrogen content (N)	9.0 - 11.0 %
NaCl	5.0%
Ash	11.0 - 16.0%
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 Promotion Parameters : Inoculate and incubate at 37°C for 18-24 hours with the following organisms
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good
Organism	Bacillus subtilis ATCC 6633
Inoculum (cfu) 10-100	Growth : Good
Organism	Streptococcus pyogenes ATCC 19615
Inoculum (cfu) 10-100	Growth : Good
Indole Production (0.1%)	Tryptophan content Escherichia coli ATCC 25922 (Passes Test : Positive) ATCC 25922 Result : Positive

Other Information

Applications

Water soluble portion of autolysed yeast especially rich in B-complex vitamins, used in microbiological and fermentation 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	
100 Gms	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)
Type of Packing	
100 Gms	Plastic Bottle
500 Gms	Plastic Bottle

Available Packages

100 Gms

500 Gms

Disclaimer

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