



52184

Yeast Extract for cell culture

Part D

Specifications

Appearance (Colour)	Yellow to brown
Appearance (Form)	Free flowing, homogeneous powder
Solubility	10% aq. solution is medium amber, clear, completely soluble
pH (2% aq. solution)	6.50 - 7.20
Stability (After autoclaving)	Medium amber to yellowish brown, clear
Suitability for Cell Culture	Passes Test
Total Aerobic microbial count	= 10,000.0 cfu/gm
Total Yeast and Mould count	= 100.0 cfu/gm
Nitrogen (N) content	= 10.00 - 12.00 %
Ash	11.0 - 16.0%
Loss on drying	= 5.0%
NaCl	= 5.0%
Coagulable Protein Test	Passes Test
Cultural Response	Inoculate and incubate at 35-37°C for 18-24 hours with the following
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good
Indole Production (0.1%)	Indole production : Positive
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good
Escherichia coli	Test for presence of Escherichia coli : Absent
Salmonella/25gm	Test for presence of Salmonella /25 gm : Absent

Other Information

Applications

Water soluble portion of autolysed yeast, suitable for cell culture applications. Many media containing Yeast extract have been recommended for use in fermentations, cell culture media, molecular genetic media, and culture media for cultivation and resuscitation of a large variety of fastidious microorganisms and antibiotics assays.

General Information

Storage	8 to 25°C (Cool & Dry Area)
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
100 Gms	3821000 (GST 18%)

500 Gms

38210000 (GST 18%)

Type of Packing

100 Gms

Plastic Bottle

Available Packages

100 Gms

500 Gms

Disclaimer

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