



83358

Malt Extract BactoBio for bacteriology

Part D

CAS : 8002-48-0

Specifications

Appearance (Colour)	Medium tan
Appearance (Form)	Free flowing, homogeneous powder
Solubility (Colour) 2% aq. solution	Medium amber, slightly opalescent to opalescent, may have a slight precipitate
pH (25°C)	6.0 ± 0.5 (2.0%)
Stability (After autoclaving)	Medium amber ,slightly opalescent to opalescent, may have a slight precipitate
Loss on drying	5.0 %
NaCl	1%
Ash	3%
Protein content	5.0%
Reducing sugars	80%
Total Aerobic microbial count	(By Plate Count Method) : 10,000 cfu/gm
Cultural Response	Prepare Malt Extract Agar using Malt Extract as ingredient. Inoculate and incubate at 30°C for 18-72 hours with the following organisms
Organism	Aspergillus niger ATCC 16404
Inoculum (cfu) 10-100	Growth : Good
Organism	Candida albicans ATCC 10231
Inoculum (cfu) 10-100	Growth : Good

Other Information

Applications

Malt extract contain high concentration of carbohydrates particularly maltose. It also provides an acidic environment, carbon, protein and nutrients for the isolation and cultivation of yeasts and molds, restricting the growth of bacteria and also for the cultivation of yeasts and molds.

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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