

BI347

Peptone M (Mycological Peptone)

Specifications

Appearance : Yellowish brown hygroscopic powder

Total Nitrogen : $\geq 9.5\%$
 α – Amino nitrogen : $\geq 2.5\%$
 Moisture : $\leq 5.0\%$
 Ash : $\leq 30.0\%$
 Sodium chloride : $\leq 5.0\%$

Clarity (1% solution) : Clear

pH (2% solution) : 6.0 – 7.5

Microbial Load:(CFU/g)

Total aerobic microbial count by plate method when incubated at 30-35 °c for 48 hours

Bacterial count : NMT 5000

Total Yeast and mold count by plate method when incubated at 20-25 °c for 120 hours

Yeast and mold count : NMT 250

Test for specific organisms

E.coli : Absent
 Salmonella species : Absent
 Pseudomonas aeruginosa : Absent
 Staphylococcus aureus : Absent

Indole test:

Tryptophan content: Passes

Cultural response:

Cultural response observed after an incubation at 25-30°C for 48-72 hours by preparing Malt Extract Agar Base (B249) using Mycological Peptone as an ingredient.

ORGANISM	GROWTH
Candida albicans ATCC 10231	Luxuriant
Pseudomonas aeruginosa ATCC 27853	Luxuriant
Enterobacter aerogenes ATCC 13048	Luxuriant

Refer disclaimer Overleaf

Application

It is recommended in culture media for isolation and diagnosis of pathogenic and nonpathogenic fungi and identification of saprophytic and dermatophytic fungi-yeasts and moulds.

Precaution

1. For Laboratory Use
2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.

Storage : Below 30^oc in cool, dry place.

Packing : 500g

Disclaimer:

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related BIOMARKLABORATORIES publications.

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