

BI415

Yeast Extract Powder, Type I

Specifications

Appearance : Light yellow to brownish yellow homogenous free flowing powder characteristic odour but not putrescent
Total Nitrogen : Not less than 10.5%
α – Amino nitrogen : Not less than 3.8%
Moisture : Not more than 5.0%
Ash : Not more than 15.0%
Sodium chloride : Not more than 5.0%

Clarity (2% solution) : Clear

pH (2% solution) : 5.5 – 7.0

Indole Test: Tryptophan content: Passes

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

Applications

Being rich in vitamins especially those of B complex. It is often used as growth supplement at 0.3 to 0.05 %. It is either used with Meat extract or as replacement of Meat extract. For preparation of media, for cultivation of microorganisms found in milk and dairy products.

Precaution

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

Storage : Below 30°C 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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