

BI415

Yeast Extract Powder, Type I

Specifications

Appearance : Light yellow coloured hygroscopic free flowing powder with characteristic odour

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

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 Beef extract or as replacement of Beef 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