

BI707

Peptone bacteriological

Specifications

Appearance : Pale yellow hygroscopic free flowing fine powder with characteristic meat like odour.

Formula

Total Nitrogen : Not less than 12.5%
α – Amino nitrogen : Not less than 3.5%
Moisture : Not more than 5.0%
Ash : Not more than 10.0%
Sodium chloride : Not more than 5.0%

Clarity (2% solution) : Clear

pH (2% solution) : 5 – 7

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:

For preparation of Nutrient media, Diagnostic media, General laboratory media and for commercial production of enzymes, vaccines, antibiotics, and other 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 : 500 g / 100 g