

BI685

Casein Peptone

Specifications

Appearance: Off white to light yellow amorphous, free flowing powder of hygroscopic nature.

Total Nitrogen : Not less than 12.0%
 α – Amino nitrogen : Not less than 3.5%
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 – 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

Application: It is suitable for use in Industrial fermentation and acts as nitrogen source for microorganisms when used in media formulations

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.

Disclaimer:

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