

BI 678**CASEIN ACID HYDROLYSATE****Specifications**

Appearance : Off white to light yellow colored free flowing powder of hygroscopic nature characteristic odour but not putrescent.

Total Nitrogen : Not less than 7%

α – Amino nitrogen: Not less than 5.0%

Moisture : Not more than 5.0%

Ash : Not more than 40.0%

Sodium chloride: Not more than 37.0%

Clarity (2% solution): Clear

pH (2% solution) : 5 – 7

Cultural response: Cultural response observed after incubation at 35 - 37°C for 18-48 hours by preparing Mueller Hinton Agar (B263), using Casein acid hydrolysate, as an ingredient, pH:7.2-7.4

Escherichia coli ATCC 25922: Luxuriant

Pseudomonas aeruginosa ATCC 27853: Luxuriant

Staphylococcus aureus ATCC 25923: Luxuriant

Enterococcus faecalis ATCC 29212: Luxuriant

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

Used for preparation of Antibiotic Test Media like Mueller Hinton agar.

Precaution

For Laboratory Use

Follow proper, established laboratory procedures in handling and disposing of infectious materials.

Storage : Below 30°C in cool, dry place.

Packing : 5 kg/ 500 gm

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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