

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%

$\alpha$  – 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:**

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