

BI309**CASEIN ENZYME HYDROLYSATE (TRYPTONE)****Specifications****Appearance:** Cream to light yellow coloured homogenous free flowing powder, having characteristic odour

Total Nitrogen : Not less than 11.0%

Amino nitrogen : Not less than 4%

Ash : Not more than 15%

Sodium chloride : Not more than 5%

Clarity (2% solution) : Clear**pH (2% solution) at 25°C** : 6.3-7.3**Moisture** : NMT 5%**Microbial Load:(CFU/g)**

Total aerobic microbial count by plate method when incubated at 35-37 °C for 24 hours

Bacterial count : NMT 5000

Total Yeast and mold count by plate method when incubated at 25-30 °C for 3 to 5 days.

Yeast and mold count : NMT 250**Test for Specific organism**

E. coli : Absent

Salmonella species : Absent

Pseudomonas aeruginosa : Absent

Staphylococcus aureus : Absent

Indole & H₂S test: Passes**Cultural response:** Cultural response observed after an incubation for bacterial at 35-37°C for 18-24 hours and for fungal at 25-30°C for 48 hours by preparing Soyabean Casein Digest Medium (B040) using Tryptone as an ingredient.

MICROORGANISM (ATCC)	GROWTH
Escherichia coli (25922)	Luxuriant
Escherichia coli (8739)	Luxuriant
Salmonella typhimurium (14028)	Luxuriant
Staphylococcus aureus (6538)	Luxuriant
Pseudomonas aeruginosa (27853)	Luxuriant
Candida albicans (10231)	Luxuriant
Staphylococcus aureus (25923)	Luxuriant
Bacillus subtilis (6633)	Luxuriant

Applications:

It is rich in tryptophan and used by a wide variety of microorganisms, recommended in a number of media such as Sterility Testing media, Diagnostics Media, media for biochemical characterization etc.

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

Refer disclaimer overleaf

BIOMARK Laboratories – INDIA

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TECHNICAL SHEET

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