

BI667

Meat Extract B Powder

Specifications Equivalent to Beef extract

Appearance: Light yellow to brownish yellow colored homogeneous free flowing powder with characteristic odor

Total Nitrogen : Not less than 12.5%
 α – Amino nitrogen : Not less than 3.5%
 Moisture : Not more than 6.0%
 Ash : Not more than 12.0%
 Sodium chloride : Not more than 5.5%

Clarity (2% solution) : Clear
pH (2% solution) : 5.5 – 7.0

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

Bacteriological testing

Indole test: Tryptophan content: Passes

H2S test: Passes

Cultural Response: Cultural response observed after incubation at 35 - 37°C for 18-48 hours by preparing Meat extract B Agar (B418), using meat extract B powder as an ingredient.

MICROORGANISM (ATCC)	GROWTH
Escherichia coli (25922)	Luxuriant
Staphylococcus aureus (25923)	Luxuriant
Candida albicans (10231)	Luxuriant
Salmonella typhi (6539)	Luxuriant
Pseudomonas aeruginosa (27853)	Luxuriant

Applications: It is used for general purpose media and diagnostic media and for media used for bulk production of antibiotics, enzymes and other products 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 : 500g

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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