

## TECHNICAL SHEET

**BI696****Meat Extract B Powder****Specifications**

**Appearance:** Light yellow to brownish yellow homogenous free flowing powder, having characteristic odour but not putrescent.

Total Nitrogen : >= 11.50%  
 Amino nitrogen : >= 3.20%  
 Loss on drying : <= 5.0%  
 Residue on ignition : <= 20%  
 Sodium chloride : <= 6.0%

**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

**Indole test**

Tryptophan content: 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 powder as an ingredient.

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

**Application:** Meat extract B powder is specially selected to yield maximum growth of fastidious microorganisms. It is recommended for general purpose and diagnostic media preparations.

**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 / 100g

Refer disclaimer overleaf

**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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