

**BI696 Meat Extract Powder**

**Specifications**

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

Total Nitrogen :  $\geq 11.50\%$

Amino nitrogen :  $\geq 3.20\%$

Loss on drying :  $\leq 5.0\%$

Residue on ignition :  $\leq 20\%$

Sodium chloride :  $\leq 6.0\%$

**Clarity (1% 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 an incubation at 35-37°C for 18-24 hours by preparing Sterility Medium A (B748) using Meat Extract powder as an ingredient.

ORGANISM	GROWTH
Pseudomonas aeruginosa ATCC 27853	Luxuriant
Bacillus subtilis ATCC 6633	Luxuriant
Enterococcus faecalis ATCC 29212	Luxuriant
Staphylococcus aureus ATCC 25923	Luxuriant

**BIOMARK Laboratories – INDIA**

[www.biomarklabs.com](http://www.biomarklabs.com)

**TECHNICAL SHEET**

**Application**

For preparation of nutrient media for maximum growth of fastidious microorganisms, Diagnostic media and General-purpose media.

**Precaution**

1. For Laboratory Use
2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.

**Storage** : Below 30<sup>0</sup>c in cool, dry place.

**Packing:** 500 g / 100g.

**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 BIOMARK LABORATORIES publications.

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