

BI699**Meat Peptone****Specifications****Appearance** : Brownish yellow Homogeneous free flowing hygroscopic powder**Formula**

Total Nitrogen : $\geq 13.50\%$
 α – Amino nitrogen : $\geq 3.5\%$
 Loss on drying : $\leq 5.0\%$
 Residue on ignition : $\leq 12.0\%$
 Sodium chloride : $\leq 6.0\%$

Clarity (1% solution) : Clear**pH (2% solution)** : 5.8 – 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

Bacteriological testing

Tryptophan content: Passes

Cultural response:

Cultural response observed after an incubation at 35-37°C for 18-24 hours by preparing BPL Agar (B412) using Meat Peptone as an ingredient.

ORGANISM	GROWTH	COLOUR OF COLONY
Escherichia coli ATCC 25922	Poor-Good	Yellow
Salmonella choleraesuis ATCC 12011	Good-luxuriant	Pink-red
Salmonella Enteritidis ATCC 13076	Good-luxuriant	Pink-red
Salmonella Typhimurium ATCC 14028	Good-luxuriant	Pink to red

BI699	Meat Peptone (For industrial use /Laboratory testing purposes)
Application For routine and mass scale cultivation of organisms for production of antibiotics, enzymes, and vitamin production. It is also use for general purpose culture media for routine cultivation of a variety of microorganisms.	
Precaution <ol style="list-style-type: none">1. For Laboratory Use2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.	
Storage: Below 30 ⁰ c in cool, dry place.	
Packing : 500 g	

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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