

BI699		Meat Peptone
Specifications		
Appearance	:Brownish yellowHomogeneous free flowing hygroscopic powder	
Formula		
Total Nitrogen	: >= 13.50%	
α - Amino nitrogen	: >= 3.5%	
Loss on drying	: <= 5.0%	
Residue on ignition	: <= 12.0%	
Sodium chloride	: <= 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

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<p>Application For routine and mass scale cultivation of organisms for production of antibiotics, enzymes, and vitamin production. It is also used for general purpose culture media for routine cultivation of a variety of microorganisms.</p> <p>Precaution</p> <ol style="list-style-type: none">1. For Laboratory Use2. Follow proper, established laboratory procedures in handling and disposing of infectious materials. <p>Storage: Below 30⁰c in cool, dry place.</p> <p>Packing : 500 g</p>	

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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