

TECHNICAL SHEET

LM003	Brain Heart Infusion Broth	
Formula		
Ingredients:	gms/lit.	
Meat brain infusion powder	12.50	
BHI powder	5.00	
Proteose peptone	10.00	
Dextrose (Glucose)	2.00	
Sodium chloride	5.00	
Disodium phosphate	2.50	
Directions:		
Label the ready to bottle (LM003). Inoculate the sample and incubate at specified temperature and time.		
Principle:		
Proteose peptone, HM infusion powder and BHI powder serve as sources of carbon, nitrogen, essential growth factors, amino acids and vitamins. Dextrose serves as a source of energy. Disodium phosphate helps in maintaining the buffering action of the medium whereas sodium chloride maintains the osmotic equilibrium of the medium. With the addition of 10% defibrinated sheep blood, it is useful for isolation and cultivation of Histoplasma capsulatum and other fungi. For selective isolation of fungi, addition of gentamicin and/or chloramphenicol is recommended.		
(I) QC Tests		
Color:	Sterile clear Brain Heart Infusion broth in glass bottle.	
Appearance:	Light to medium amber coloured medium in glass bottle.	
(II) Sterility test	Passes release criteria	
(III) Q.C. Test Microbiological		
Cultural characteristics observed after incubation at 35-37°C for 24-48 hours.		
MICROORGANISM (ATCC)	Growth	
Streptococcus pneumoniae 6303	Luxuriant	
Enterococcus faecalis 29212	Luxuriant	
Neisseria meningitides 13090	Luxuriant	
Streptococcus pyogenes 19615	Luxuriant	

Precautions :	1. In Vitro diagnostic use only. 2. Read the label before opening the container
Limitations :	1. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.
Use:	For propagation of pathogenic cocci and other fastidious organisms associated with blood culture work and allied pathological investigations.
Storage:	Store between 2-8°C. Use before expiry date on the label.
Packing:	5ml in 25/50 Glass bottle.

Refer disclaimer Overleaf

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Disclaimer:

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