

TECHNICAL SHEET

CB002	BRAIN HEART INFUSION BROTH
Formula	
Ingredients:	gms/lit.
Meat brain infusion powder	12.50
BHI powder	5.00
Proteose peptone	10.00
Dextrose	2.00
Sodium chloride	5.00
Disodium phosphate	2.50
Final pH (at 25°C): 7.4 ± 0.2	
Directions:	
Label the ready to use (CB002) bottle. Inoculate the sample and incubate at specified temperature and time.	
Principle:	
This medium is nutritious and well buffered to support the growth of wide variety of organisms. Proteose peptone, Meat brain 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. For selective isolation of fungi, addition of gentamicin and/or chloramphenicol is recommended.	
(I) QC Tests:	
pH:	7.4 ± 0.2
Color:	Light to medium amber coloured medium
Appearance:	Sterile clear Brain Heart Infusion broth in bottles.
(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
Enterococcus faecalis 29212	luxuriant
Streptococcus pneumoniae 6303	luxuriant
Streptococcus pyogenes 19615	luxuriant
Neisseria meningitidis 13090	luxuriant

Refer disclaimer Overleaf

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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:	20ml/70ml in Glass bottle.

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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