

TECHNICAL SHEET

CB001	BRAIN HEART INFUSION BROTH W/ 0.05% SPS	
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	
Sodium polyanethol sulphonate	0.50	
Final pH (at 25°C): 7.4 ± 0.2		
Directions:		
Label the ready to use blood culture bottle (CB001). remove the top seal of the cap. Disinfect the part of the rubber stopper which is now exposed. Transfer the blood sample immediately into the culture bottle by puncturing the rubber stopper with the needle and injecting the blood. Venting: Use sterile venting needle. Keep the bottle in an upright position preferably in a biological safety cabinet, place an alcohol swab over the rubber stopper and insert the venting needle with filter through it. Insertion and withdrawal of the needle should be done in a straight line. discard the needle and mix the contents by gently inverting the bottle 2-3 times. Do Not vent the bottle for anaerobic cultures. Incubate at 35±2°C for 18-24 hours and further for seven days.		
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 isolation of fungi, addition of gentamicin and/or chloramphenicol is recommended.		
(I) QC Tests:		
pH:	7.4 ± 0.2	
Color:	Light amber coloured clear solution	
Appearance:	Sterile clear w/ 0.05% SPS broth in glass 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:	A qualitative test for detection of microorganisms in blood.
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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