

TECHNICAL SHEET

CB006	HARTELY'S BROTH w/ 0.05% SPS	
Formula		
Ingredients:		
	gms/lit.	
Tryptic digest of heart muscle	29.00	
Sodium polyanethol sulphonate (SPS)	0.50	
Final pH (at 25°C): 7.6 ± 0.2		
Directions:		
Label the ready to use (CB006) bottle. Inoculate the sample and incubate at specified temperature and time. 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:		
Hartley's Digest Broth can be used for the recovery of fastidious organisms such as Group A, C, G Streptococci and Streptococcus pneumoniae from small inocula. Broth medium can be used to recover Corynebacterium diphtheriae, or an enrichment medium for C. diphtheriae. Hartley's Digest Broth may be used for cultivation of blood samples, sterility testing, production of diphtheria toxin etc. SPS acts as an anticoagulant and as an inhibitor of the bacteriostatic and bactericidal effects of blood cells and plasma factors.		
(I) QC Tests		
pH:	7.6 ± 0.2	
Color:	Light yellow coloured clear solution	
Appearance:	Sterile clear Hartley Broth w/ 0.05% SPS 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 ATCC 6303	luxuriant	
Staphylococcus aureus (25923)	luxuriant	
Streptococcus pyogenes (19615)	luxuriant	
Corynebacterium diphtheriae ATCC11913	luxuriant	

Refer disclaimer Overleaf

Precautions :	1. In Vitro diagnostic use only.
	2. Read the label before opening the container
Limitations :	Further biochemical and serological testing is required for complete identification.
Use:	For the recovery of anaerobic and facultative microorganisms.
Storage:	On receipt store between 15-25°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.

The information contained in this publication is based on our in-house studies and market performance and is to the best of our knowledge true and accurate. BIOMARK LABORATORIES reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal or therapeutic use but for laboratory, diagnostic, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.