

TECHNICAL SHEET

B200		HARTELY'S DIGEST BROTH				
Formula						
Ingredients :		gms/lit.				
Tryptic digest of heart muscle		29.00				
Final pH (at 25°C): 7.6 ± 0.2						
Directions :						
Suspend 29 grams in 1000 ml distilled water. Heat if necessary, to dissolve the medium completely. Dispense as desired and sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.						
Principle :						
It contains tryptic digest of heart muscle which is capable of initiating the growth of demanding organisms from small inocula. It can be used for the recovery of fastidious organisms like group A, C and D Streptococci and Streptococcus pneumoniae from small inocula.						
QC Tests – (I)Dehydrated Medium						
	Colour :	Cream to yellow				
	Appearance :	Homogeneous Free Flowing powder				
(II)Rehydrated medium						
	pH (post autoclaving/heating) :	7.6 ± 0.2				
	Colour (post autoclaving/heating) :	Light yellow				
	Clarity (post autoclaving/heating) :	Clear				
(III)Q.C. Test Microbiological						
	Cultural characteristics observed after 24 - 48 hrs. at 35 - 37°C.					
	MICROORGANISM (ATCC)	GROWTH				
	Streptococcus pneumoniae (6303)	Luxuriant				
	Streptococcus pyogenes (19615)	Luxuriant				
	Corynebacterium diphtheriae (11913)	Luxuriant				
	Staphylococcus aureus (25923)	Luxuriant				
	Enterococcus faecalis (29212)	Luxuriant				
Precautions :		1. For Laboratory Use. 2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.				
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 general purpose medium for the cultivation of a wide variety of bacteria from blood especially fastidious Streptococci and Corynebacterium diphtheriae.				
Storage :		Dehydrated medium- below 30°C Prepared medium– Between 2 to 8°C.				
Packing :		500 gm. bottle				
Product profile:		Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
B200		29.0 g/l	17.24 L	7.6 ± 0.2	Nil	121°C/15min.

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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