

TECHNICAL SHEET

B066	TRYPTIC DIGEST BROTH (Field's Tryptic Digest Broth)					
Formula						
Ingredients :		gms/lit.				
Tryptic digest of meat heart #		10.00				
Sodium chloride		5.00				
Dextrose		1.00				
# Equivalent to beef heart						
Final pH (at 25°C) : 7.6 ± 0.2						
Directions :						
Suspend 16 gms. in 1000ml. distilled water. Heat if necessary, to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool below 50°C and add sterile enrichment such as blood, serum or ascorbic fluid as required.						
Principle :						
Tryptic digest of beef heart provides carbonaceous and nitrogenous compounds and other essential growth nutrients for growth of fastidious microorganisms. Blood serum or ascitic fluid provides additional growth factors.						
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 coloured clear solution. After addition of blood, cherry red coloured and with added serum or ascitic fluid, dark yellow coloured, opaque or clear to slightly opalescent solution respectively.				
Clarity (post autoclaving/heating) :		Clear				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 24 - 48 hrs. at 35-37°C.						
MICROORGANISM (ATCC)		GROWTH				
Staphylococcus aureus (25923)		Luxuriant				
Streptococcus pneumoniae (6303)		Luxuriant				
Streptococcus pyogenes (19615)		Luxuriant				
Neisseria meningitidis (13090)		Luxuriant				
Bordetella pertussis (8467)		Luxuriant				
Haemophilus influenzae (35056)		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 :		For cultivation of fastidious microorganisms.				
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
B066	16g/l	31.25L	7.6 ± 0.2	blood, serum or ascorbic fluid	121°C /15 min.	

Refer disclaimer Overleaf

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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