

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B227	LIVER INFUSION AGAR					
Formula						
Ingredients :		gms/lit.				
Meat liver, infusion from #		500.00				
Proteose peptone		10.00				
Sodium chloride		5.00				
Agar		20.00				
# Equivalent to Beef liver, infusion from						
Final pH (at 25°C) :		6.9 ± 0.2				
Directions :						
Dissolve 55 gms in 1000 ml of distilled water. Heat to boiling to dissolve the medium completely. Autoclave at (121°C) for 15 minutes. Mix well and pour into sterile plates.						
Principle :						
Infusion from Meat Liver and Proteose Peptone provide the nitrogen, amino acids, vitamins and carbon sources in Liver Infusion media. Sodium chloride maintains the osmotic balance. Agar is a solidifying agent.						
QC Tests – (I) Dehydrated Medium						
Colour :		Light yellow to light brown				
Appearance :		Homogeneous free flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		6.9 ± 0.2				
Colour (post autoclaving/heating) :		Amber				
Clarity (post autoclaving/heating) :		Clear to slightly opalescent				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 24 - 48 hours at 35 -37°C. (Clostridium species incubated anaerobically).						
MICROORGANISM (ATCC)		GROWTH				
Streptococcus mitis (9895)		Luxuriant				
Brucella melitensis (4309)		Luxuriant				
Brucella suis (6597)		Luxuriant				
Clostridium sporogenes (11437)		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 a Brucella and other pathogenic anaerobes.				
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
B227	55 g/l	9.090 lit	6.9 ± 0.2	Nil	121°C/15 min	

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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