BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B228	**LIVER INFUSION BROTH**
Formula	
Ingredients :	**gms/lit.**
Meat liver, infusion from #	500.00
Proteose peptone	10.00
Sodium chloride	5.00
# Equivalent to beef liver,infusion from	
Final pH (at 25°C) :	6.9 ± 0.2
Directions :	
Dissolve 35 gms. in 1000 ml of distilled water. Heat to boiling to dissolve the medium completely Autoclave at (121°C) for 15 minutes. Dispense as desired.	
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.	

QC Tests – (I)Dehydrated Medium		
	Colour :	Light yellow to brownish yellow
	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
(III) Q.C. Test Microbiological		
	Cultural characteristics observed after an incubation at 35-37°C for 24-48 hours.(species incubated anarobically)	
	MICROORGANISM (ATCC)	GROWTH
	Streptococcus mitis (9811)	Luxuriant
	Brucella melitensis (4309)	Luxuriant
	Brucella suis (4314)	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 cultivating a variety of highly fastidious organisms, particularly Brucella and 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
B228	35 g/l	14.28 lit	6.9 ± 0.2	Nil	121^0C/15 min