

TECHNICAL SHEET

B229	LIVER VEAL AGAR				
Formula					
Ingredients:		gms/lit.			
Liver, infusion from		50.00			
Veal, infusion from		500.00			
Peptone, special		1.30			
Proteose peptone		20.00			
Casein enzymic hydrolysate		1.30			
Gelatin		20.00			
Starch soluble		10.00			
Casein purified		2.00			
Dextrose		5.00			
Sodium chloride		5.00			
Sodium nitrate		2.00			
Agar		15.00			
Final pH (at 25°C): 7.3 + 0.2					
Directions:					
Suspend 97 grams in 1000 ml warm purified / distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool to 45-50°C. Mix well and pour into sterile Petri plates.					
Principle:					
Infusion from Liver, Infusion from Veal, Proteose Peptone, special peptone, Casein enzymic hydrolysate, Gelatin and Casein provide the rich nitrogen, amino acids and vitamin content of the medium. Soluble Starch is added to enhance the growth of anaerobes and Dextrose is a carbon source. Sodium chloride maintains osmotic balance and Agar is a solidifying agent.					
QC Tests – (I) Dehydrated Medium					
	Colour:	Light yellow to Brownish yellow			
	Appearance:	Homogeneous Free Flowing powder			
(II) Rehydrated medium					
	pH (post autoclaving/heating):	7.3 ± 0.2			
	Colour (post autoclaving/heating):	Amber			
	Clarity (post autoclaving/heating):	Clear to Slightly opalescent			
(III) Q.C. Test Microbiological					
	Cultural characteristics observed after 18 - 24 hours at 37°C (under required atmosphere for organism)				
	MICROORGANISM (ATCC)	GROWTH			
	Clostridium botulinum (25763)	Luxuriant			
	Clostridium tetani (10779)	Luxuriant			
	Neisseria meningitidis (13090)	Luxuriant			
	Streptococcus pneumoniae (6303)	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 anaerobic organisms from clinical and non-clinical samples.				
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
B229	97 g/l	5.15 lit	7.3 ± 0.2	Nil	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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