

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B226	LITTMAN OXGALL AGAR BASE				
Formula					
Ingredients :		gms/lit.			
Peptic digest of animal tissue	10.00				
Dextrose		10.00			
Oxgall		15.00			
Crystal violet		0.01			
Agar		20.00			
Final pH (at 25°C) : 7.0 ± 0.2					
Directions :					
Suspend 55 gms in 1000ml. distilled water. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool to 45°C and aseptically add sterile Streptomycin to a final concentration of 30 mcg/ml of medium.					
Principle :					
Peptic digest of animal tissue provides nitrogen, amino acids and carbon. Dextrose is an additional carbon source. Oxgall restricts the spreading of fungus colonies. Crystal violet & streptomycin are selective bacteriostatic agents. Agar is a solidifying agent.					
QC Tests - (I)Dehydrated Medium					
Colour :		Light yellow			
Appearance :		Homogeneous Free Flowing powder			
(II)Rehydrated medium					
pH (post autoclaving/heating) :		7.0 ± 0.2			
Colour (post autoclaving/heating) :		Blue			
Clarity (post autoclaving/heating) :		Slightly opalescent			
(III)Q.C. Test Microbiological					
Cultural characteristics observed after 48-72 hrs.at 30°C.					
MICROORGANISM (ATCC)	PLAIN MEDIUM	WITH STREPTOMYCIN			
Aspergillusflavus (22547)	Luxuriant	Luxuriant			
Microsporumaudouinii (9079)	Luxuriant	Luxuriant			
Escherichia coli (25922)	Luxuriant	Inhibited			
Candida albicans (10231)	Good to luxuriant	Good to 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 :					
B226: For primary isolation of pathogenic fungi.					
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
B226	55 g/l	9.09 lit	7.0 ± 0.2	nil	121°C/15 min