BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B1199	**LECITHIN AGAR**				
Formula					
Ingredients :		**gms/lit.**			
Casein enzymic hydrolysate		15.00			
Papaic digest of soyabean meal		5.00			
Sodium chloride		5.00			
Lecithin		0.70			
Polysorbate 80		5.00			
Sodium thiosulphate		1.00			
L-Histidine		1.00			
Agar		20.50			
Final pH (at 25°C) : 7.3± 0.2					
Directions :					
Suspend 53.2 grams in 1000 ml distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Mix well and pour in sterile Petri plates.					
Principle :					
Papaic digest of soyabean meal and casein enzymic hydrolysate provide nitrogenous compounds, carbon, sulphur and trace ingredients. Lecithin neutralizes quaternary ammonium compounds and polysorbate 80 is added to nullify phenolic compounds, hexachlorophene, formalin and alongwith lecithin neutralizes ethyl alcohol. Histidine acts as a reducing agent, Sodium thiosulphate neutralizes mercurial, halogens, aldehydes etc.					
QC Tests – (I)Dehydrated Medium					
Colour :		Cream to yellow			
Appearance :		Homogeneous Free Flowing powder			
(II)Rehydrated medium					
pH (post autoclaving/heating) :		7.3 ± 0.2			
Colour (post autoclaving/heating) :		Yellow			
Clarity (post autoclaving/heating) :		clear to slightly opalescent gel			
(III)Q.C. Test Microbiological					
Cultural characteristics observed after an incubation at 35-37°C for 18-24 hours.					
MICROORGANISM (ATCC)		GROWTH			
Escherichia coli (25922)		Luxuriant			
Staphylococcus aureus (25923)		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 :	It is recommended for detection of bacterial contamination of surfaces in unprotected and protected areas.				
Storage :	Store dehydrated and prepared media at 2–8°C.				
Packing :	500 gm. bottle				
Product profile:	Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
B1199	53.2g/l	9.398lit	7.3 ± 0.2	Nil	121^0C/15 min

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