

**BIOMARK Laboratories-INDIA**  
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**TECHNICAL SHEET**

<b>B1199</b>	<b>LECITHIN AGAR</b>					
<b>Formula</b>						
<b>Ingredients :</b>			<b>gms/lit.</b>			
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						
<b>Directions :</b>						
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.						
<b>Principle :</b>						
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.						
<b>QC Tests – (I) Dehydrated Medium</b>						
Colour :			Cream to yellow			
Appearance :			Homogeneous Free Flowing powder			
<b>(II) Rehydrated medium</b>						
pH (post autoclaving/heating) :			7.3 ± 0.2			
Colour (post autoclaving/heating) :			Yellow			
Clarity (post autoclaving/heating) :			clear to slightly opalescent gel			
<b>(III) Q.C. Test Microbiological</b>						
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			
<b>Precautions :</b>		1. For Laboratory Use.				
		2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.				
<b>Limitations :</b>		1. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.				
<b>Use :</b>		It is recommended for detection of bacterial contamination of surfaces in unprotected and protected areas.				
<b>Storage :</b>		Store dehydrated and prepared media at 2–8°C.				
<b>Packing :</b>		500 gm. bottle				
<b>Product profile:</b>		Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
<b>B1199</b>	53.2g/l	9.398lit	7.3 ± 0.2	Nil	121 <sup>0</sup> 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 BIOMARK LABORATORIES publications.

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