

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B897	LIMABEAN AGAR				
Formula					
Ingredients :			gms/lit.		
Limabeans infusion from			62.50		
Agar			15.00		
Final pH (at 25°C) : 5.6 ± 0.2					
Directions :					
Suspend 23 gms. in 1000ml. distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbspressure (121°C) for 15 minutes.					
Principle :					
Limabean Agar is composed of an infusion of dry lima beans and agar. Limabeans infusion provides all essential growth nutrients for fungi. The pH of the medium is 5.6 ± 0.2 which enables luxuriant fungal growth.					
QC Tests – (I)Dehydrated Medium					
	Colour :		Cream to light tan		
	Appearance :		Homogeneous Free Flowing powder		
(II)Rehydrated medium					
	pH (post autoclaving/heating) :		5.6 ± 0.2		
	Colour (post autoclaving/heating) :		Cream to yellow		
	Clarity (post autoclaving/heating) :		Opalescent		
(III) Q.C. Test Microbiological					
	Cultural characteristics observed after 40-48 hours at 30°C.				
	MICROORGANISM (ATCC)		GROWTH		
	Aspergillusniger (16404)		Luxuriant		
	Saccharomyces cerevisiae (9763)		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 phytopathological and other 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
B897	23 g/l	21.73 lit	5.6 ± 0.2	Nil	121 ⁰ 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 BIOMARKLABORATORIES publications.
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