

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B194	MYCOLOGICAL AGAR W/ LOW PH (FUNGAL AGAR WITH LOW PH)					
Formula						
Ingredients :			gms/lit.			
Papaic digest of soyabean meal			10.00			
Dextrose			10.00			
Agar			15.00			
Final pH (at 25°C) :			4.8 ± 0.2			
Directions :						
Suspend 35 grams in 1000 ml 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 :						
Papaic digest of soyabean meal in the medium provides nitrogen, vitamins and minerals necessary to support bacterial growth. Dextrose is a carbon source required for the growth of fungi.						
QC Tests - (I) Dehydrated Medium						
Colour :		Cream to yellow				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		4.8 ± 0.2				
Colour (post autoclaving/heating) :		Light amber				
Clarity (post autoclaving/heating) :		Clear to slightly opalescent				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after an incubation at 25 - 30°C for 48 - 72 hours (For Trichophyton species longer incubation may be required for upto 7days).						
MICROORGANISM (ATCC)		FUNGAL AGAR WITH LOW pH				
Aspergillus niger (16404)		Luxuriant				
Candida albicans (10231)		Luxuriant				
Lactobacillus acidophilus (11506)		Luxuriant				
Staphylococcus aureus (25923)		Inhibited				
Saccharomyces cerevisiae (9763)		Luxuriant				
Saccharomyces uvarum (9080)		Luxuriant				
Trichophyton mentagrophytes (9533)		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 selective enumeration and cultivation of saprophytic fungi and aciduric bacteria.				
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
B194		35g/l	14.28L	4.8 ± 0.2	NIL	121°C / 15 minutes

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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