

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B068	TRICHOPHYTON AGAR NO.6				
Formula					
Ingredients :		gms/lit.			
Ammonium nitrate		1.50			
Dextrose		40.00			
Monopotassium dihydrogen phosphate		1.80			
Magnesium sulphate		0.10			
Agar		15.00			
Final pH (at 25°C) : 6.8 ± 0.2					
Directions :					
Suspend 58.4 grams in 1000 ml distilled water. Heat to boiling to dissolve the medium completely. Dispense in test tubes. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Allow the tubed medium to cool in a slanted position.					
Principle :					
Trichophyton Agar-6 medium is also used for cultivating Microsporium species especially Microsporium gallinae which grow well at 37°C within 48 hours.					
QC Tests – (I) Dehydrated Medium					
	Colour :	White to light yellow			
	Appearance :	Homogeneous Free Flowing powder			
(II) Rehydrated medium					
	pH (post autoclaving/heating) :	6.8 ± 0.2			
	Colour (post autoclaving/heating) :	Light amber			
	Clarity (post autoclaving/heating) :	clear to slightly opalescent gel forms in tubes as slants			
(III) Q.C. Test Microbiological					
Cultural characteristics observed after an incubation at 25-30°C for 1 weeks.					
	MICROORGANISM (ATCC)	GROWTH			
	Microsporium gallinae (12108)	good-luxuriant			
	Trichophyton megninii (12106)	inhibited			
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 used for differentiation of Trichophyton species				
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
B068	58.40 g/l	8.561 L	6.8 ± 0.2	Nil	121°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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