

TECHNICAL SHEET

B073	TRICHOPHYTON AGAR NO.2				
Formula					
Ingredients :					
		gms/lit.			
Vitamin free casein acid hydrolysate		2.50			
Dextrose		40.00			
Monopotassium dihydrogen phosphate		1.80			
Magnesium sulphate		0.10			
Inositol		0.050			
Agar		15.00			
Final pH (at 25°C) : 6.8 ± 0.2					
Directions :					
Suspend 59.45 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°) for 15 minutes. Allow the tubed medium to cool in a slanted position.					
Principle :					
Trichophyton Agar-2 contains added inositol. This medium is used along with Trichophyton Agar-1(B074) to determine the inositol requirement of an isolate.					
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 upto 1 week.				
	MICROORGANISM (ATCC)	GROWTH			
	Trichophyton mentagrophytes (9533)	Luxuriant			
	Trichophyton rubrum (28191)	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 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
B073	59.45 g/l	8.410 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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