

BIOMARK Laboratories-INDIA

www.biomarklabs.com

TECHNICAL SHEET

B071	TRICHOPHYTON AGAR NO.4				
Formula					
Ingredients :					
		gms/lit.			
Vitamin free casein acid hydrolysate		2.50			
Dextrose		40.00			
Monopotassium dihydrogen phosphate		1.80			
Magnesium sulphate		0.10			
Thiamine hydrochloride		0.0002			
Agar		15.00			
Final pH (at 25°C) : 6.8 ± 0.2					
Directions :					
Suspend 59.4 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°) for 15 minutes. Allow the tubed medium to cool in a slanted position.					
Principle :					
Trichphyton Agar-4 contains added thiamine this medium is used along with Trichophyton Agar-1 (B074) to determine the thiamine requirement of isolates.					
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 2 weeks.					
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
B071	59.40 g/l	8.417 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.

The information contained in this publication is based on our in-house studies and market performance and is to the best of our knowledge true and accurate. BIOMARK LABORATORIES reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal or therapeutic use but for laboratory, diagnostic, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.