

TECHNICAL SHEET

B160	DERMATOPHYTE TEST AGAR BASE (D. T. M. AGAR BASE)					
Formula						
Ingredients :		gms/lit.				
Soya peptone		10.00				
Glucose (Dextrose)		10.00				
Phenol red		0.20				
Agar		20.00				
Final pH (at 25°C) : 5.5 ± 0.2						
Directions :						
Suspend 20.10 grams in 500 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. Aseptically add the rehydrated contents of one vial of Dermato Supplement (BF046). Mix well before pouring into sterile Petri plates.						
Principle :						
The soya peptone provides nitrogenous and carbonaceous substances essential for growth, Dextrose is the energy source. Cycloheximide supplemented, inhibits most of the saprophytic fungi. Gentamicin inhibits gram -negative bacteria including Pseudomonas species while Chlortetracycline inhibits a wide range of gram - positive and gram - negative bacteria.						
QC Tests - (I)Dehydrated Medium						
Colour :		Light yellow to pink				
Appearance :		Homogeneous Free Flowing powder				
(II)Rehydrated medium						
pH (post autoclaving/heating) :		5.5 ± 0.2				
Colour (post autoclaving/heating) :		Orange - red				
Clarity (post autoclaving/heating) :		Slightly opalescent				
(III)Q.C. Test Microbiological						
Cultural characteristics observed with added Dermato Supplement (BF046), after an incubation at 25-30°C for 6 days.						
MICROORGANISM (ATCC)		GROWTH		COLOUR OF MEDIUM		
Microsporium audouinii (9079)		Good		pink-red		
Trichophyton mentagrophytes (9533)		Good		pink-red		
Candida albicans (10231)		Good		-		
Aspergillus niger (16404)		None - poor		-		
Pseudomonas aeruginosa (27853)		None - poor		-		
Precautions :		1. For Laboratory Use.				
		2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.				
Limitations :		1. False-positive reactions may result, if interpretations are made beyond 6 days of incubation.				
		2. If the abeyant area of an infection is cultured, false-negative reactions may arise.				
		3. If the specimen is heavily contaminated, saprophytic fungi may result in a color change on the medium.				
Use:		For selective isolation of dermatophytes.				
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
B160		40.2g/l	12.43L	5.5 ± 0.2	Dermato Supplement (BF046)	121°C / 15 minutes

Refer disclaimer Overleaf

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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