

TECHNICAL SHEET

B408	FUNGOBIOTIC AGAR (MYCOBIO AGAR), MODIFIED					
Formula						
Ingredients :		gms/lit.				
Papaic digest of soyabean meal		10.00				
Dextrose		10.00				
Cycloheximide		0.50				
Chloramphenicol		0.05				
Agar		15.00				
Final pH (at 25°C) : 6.5 ± 0.2						
Directions :						
Suspend 35.55 gms in 1000 ml distilled water. Boil to dissolve the medium completely. Distribute in tubes or flasks. Sterilize by autoclaving at 15 lbs pressure (121°C) for 10 minutes. Cool the tubes in a slanted position. DO NOT REMELT OR OVERHEAT THE MEDIUM.						
Principle :						
Papaic digest of soyabean meal and dextrose provide essential nutrients for the fungal growth. Cycloheximide inhibits the saprophytic fungi, certain yeasts and molds. Chloramphenicol has inhibitory action on bacteria.						
QC Tests - (I) Dehydrated Medium						
Colour :		Light yellow				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating):		6.5 ± 0.2				
Colour (post autoclaving/heating) :		Medium amber				
Clarity (post autoclaving/heating) :		Clear to slightly opalescent				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 4-7 days at 25-30°C.						
MICROORGANISM (ATCC)		GROWTH				
Candida albicans (10231)		Luxuriant				
Trichophyton equinum (22443)		Luxuriant				
Trichophyton verrucosum (36058)		Luxuriant				
Aspergillus niger (16404)		Inhibited				
Candida tropicalis (1369)		Inhibited				
Staphylococcus epidermidis (12228)		Inhibited				
Escherichia coli (25922)		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 :		For isolation of dermatophytes and other pathogenic fungi.				
Storage :		Dehydrated medium and prepared medium- Between 2 to 8°C.				
Packing :		500 gm. bottle				
Product profile:		Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
B408		35.55g/l	14.06L	6.5 ± 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 BIOMARK LABORATORIES publications.

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