

TECHNICAL SHEET

B1084	KIMMIG FUNGI AGAR BASE				
Formula					
Ingredients :		Gms/lit.			
Peptic digest of animal tissue	15.00				
Sodium chloride		1.00			
Dextrose		19.00			
Cycloheximide	0.40				
Agar		15.00			
Final pH (at 25°C) : 6.5 ± 0.2					
Directions :					
Suspend 50.4 gms.in 1000ml. distilled water, containing 5 ml glycerol. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool to 45-50°C and aseptically add reconstituted contents of one vial of Kimmig selective supplement (BF068) or one vial of George Kimmig Selective Supplement (BF114). Mix well before pouring into sterile plates.					
Principle :					
The medium contains peptic digest of animal tissue which provides the necessary nitrogenous nutrients for the growth of fungi. Dextrose is the fermentable carbohydrate and energy source. Glycerol serves as the carbon source.					
QC Tests - (I)Dehydrated Medium					
Colour :	Yellow				
Appearance :	Homogeneous Free Flowing powder				
(II)Rehydrated medium					
pH (post autoclaving/heating) :	6.5 ± 0.2				
Colour (post autoclaving/heating) :	Light yellow				
Clarity (post autoclaving/heating) :	Clear to slightly opalescent				
(III)Q.C. Test Microbiological					
Cultural characteristics observed after 48-72 hrs. (longer if required) at 28-30°C.					
MICROORGANISM (ATCC)	GROWTH				
Aspergillus niger (16404)	Luxuriant				
Penicillium notatum (10108)	Luxuriant				
Trichophyton mentagrophytes (9533)	Luxuriant				
Candida albicans (10231)	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 :					
For cultivation, isolation and identification of fungi.					
Storage :					
Dehydrated medium and prepared medium- Between 2 to 8°C.					
Packing :					
100 gm bottle / 500 gm bottle					
Product profile:	Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
B1084	50.4g/l	9.92L	6.5 ± 0.2	Kimmig selective supplement (BF068) or George Kimmig Selective Supplement (BF114).	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 BIOMARKLABORATORIES publications.

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