

B998	CONN'S AGAR				
Formula					
Ingredients :		gms/lit.			
Potassium nitrate		2.00			
Magnesium sulphate		1.20			
Monopotassium phosphate		2.70			
Maltose		7.20			
Potato starch		10.00			
Agar		15.00			
Final pH (at 25°C): Self					
Directions :					
Suspend 38.10 grams in 1000 ml distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Mix well and pour into sterile Petri plates.					
Principle :					
Potato starch and maltose promote luxuriant fungal growth. Potassium nitrate is the source of nitrogen. Phosphate buffers the medium. Magnesium sulphate provides essential ions for the growth of fungi.					
QC Tests – (I)Dehydrated Medium					
	Colour :	Cream to beige			
	Appearance :	Homogeneous Free Flowing powder			
(II)Rehydrated medium					
	pH (post autoclaving/heating) :	Self			
	Colour (post autoclaving/heating) :	Light yellow			
	Clarity (post autoclaving/heating):	Opaque			
(III)Q.C. Test Microbiological					
Cultural characteristics observed after 48 -72 hrs. at 25-30°C.					
	MICROORGANISM (ATCC)	GROWTH			
	*Aspergillus brasiliensis(16404)	Luxuriant			
	Candida albicans(10231)	Luxuriant			
	Saccharomyces cerevisiae (9763)	Luxuriant			
	Key:* - Formerly known as Aspergillus niger				
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 the cultivation of fungi.				
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
B998	38.10 g/l	13.12L	Self	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 BIOMARKLABORATORIES publications.

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