

B008	YEAST DEXTROSE AGAR					
Formula						
Ingredients:		gms/lit.				
Dextrose		10.00				
Yeast extract		10.00				
Agar		15.00				
Final pH (at 25°C) : 7.0 ± 0.2						
Directions :						
Suspend 35 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 :						
Yeast extract in the medium is the source of nitrogen and growth factors while dextrose provides an energy source for the growth of microorganisms.						
QC Tests - (I) Dehydrated Medium						
	Colour :	Cream to yellow				
	Appearance :	Homogeneous Free Flowing powder				
(II) Rehydrated medium						
	pH (post autoclaving/heating) :	7.0 ± 0.2				
	Colour (post autoclaving/heating) :	Light yellow				
	Clarity (post autoclaving/heating):	Clear to slightly opalescent gel				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 24-48 hours at 30°C.						
	MICROORGANISM (ATCC)	GROWTH				
	Aspergillus brasiliensis(16404)	luxuriant				
	Candida albicans (10231)	luxuriant				
	Saccharomyces cerevisiae (9763)	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 the cultivation of a variety of heterotrophic microorganisms				
Storage :		Dehydrated medium- below 30°C Prepared medium- Between 2 to 8°C.				
Packing :		500 gm. bottle				
Product profile:		Reconstitution	Quantity on Preparation (100g)	pH (25°C)	Supplement	Sterilization
B008		35.0 g/l	14.29L	7.0 ± 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.

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