

TECHNICAL SHEET

B930	ASCOSPORE AGAR				
Formula					
Ingredients :		gms/lit.			
Yeast extract		2.50			
Dextrose		1.00			
Potassium acetate		10.00			
Agar		30.00			
Final pH (at 25°C) : 6.4 ± 0.2					
Directions :					
Suspend 43.5 gms. in 1000 ml. distilled water. Boil to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.					
Principle :					
This medium is the modification of McClary medium with the addition of potassium acetate in place of sodium acetate. Acetate salt of potassium was found to be superior than salt of sodium for the sporulation in Saccharomyces. Dextrose and yeast extract provide the nutrients for the growth and also stimulate ascospore formation in yeasts. Slightly acidic pH of the medium favours the growth of Saccharomyces cerevisiae.					
QC Tests - (I) Dehydrated Medium					
Colour :		Cream to brownish yellow			
Appearance :		Homogeneous Free Flowing powder			
(II) Rehydrated medium					
pH (post autoclaving/heating) :		6.4 ± 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 3-6 days at 25 - 30°C.					
MICROORGANISM (ATCC)		GROWTH	ASCOSPORES		
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 :					
For detection of ascosporeogenous yeasts.					
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
B930	43.5 g/l	22.98 L	6.4 ± 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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