

TECHNICAL SHEET

B929	ANTIFUNGAL ASSAY AGAR				
Formula					
Ingredients :					
	gms/lit.				
Dextrose	50.00				
Sodium citrate	4.50				
Potassium phosphate	0.55				
Citric acid	1.00				
Casein enzymic hydrolysate	4.00				
Pyridoxine hydrochloride	0.00025				
Thiamine	0.00025				
Inositol	0.025				
Calcium pantothenate	0.0025				
Niacin	0.0025				
Potassium chloride	0.425				
Calcium chloride	0.125				
Magnesium sulphate	0.125				
Ferric chloride	0.0025				
Manganese sulphate	0.0025				
Biotin	0.000008				
Agar	15.00				
Final pH (at 25°C) : 5.5 ± 0.2					
Directions :					
Suspend 75.76 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 :					
Antifungal Assay Agar was formulated by Berger and Lazecka for convenience in assaying antifungal activity of pharmaceutical products and other materials by both base and seed layers for assays by cylinder plate or disc methods.					
QC Tests – (I) Dehydrated Medium					
Colour :	Pale beige				
Appearance :	Homogeneous Free Flowing powder				
(II) Rehydrated medium					
pH (post autoclaving/heating) :	5.5 ± 0.2				
Colour (post autoclaving/heating) :	Light yellow				
Clarity (post autoclaving/heating) :	Clear				
(III) Q.C. Test Microbiological					
Cultural characteristics observed after 18 - 48 hrs. at 30°C.					
MICROORGANISM (ATCC)	GROWTH				
Saccharomyces cerevisiae (9763)	Luxuriant				
Aspergillus niger (16404)	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 assaying antifungal activity of pharmaceutical products and other materials by cylinder plate or disc method.					
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	
B929	75.76 g/l	65.99 L	5.5 ± 0.2	Nil	121°C /15 min.

Refer disclaimer Overleaf

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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