

TECHNICAL SHEET

B1137	ANTIMYCOTIC SENSITIVITY TEST AGAR				
Formula					
Ingredients:		gms/lit.			
Casein enzymichydrolysate		19.00			
Yeast extract	10.00				
Glucose		20.00			
Sodium citrate		10.00			
Disodium phosphate		1.00			
Agar		25.00			
Final pH (at 25°C): 6.6± 0.2					
Directions:					
Suspend 85.0 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 before pouring into sterile petri plates.					
Principle:					
The medium contains casein enzymic hydrolysate and yeast extract which provide all essential growth nutrients like amino acids, vitamins, trace elements etc. Glucose serves as energy source. Disodium phosphate buffers the medium well.					
QC Tests - (I) Dehydrated Medium					
Colour:		Cream to yellow			
Appearance:		Homogeneous Free Flowing powder			
(II) Rehydrated medium					
pH (post autoclaving/heating) :		6.6 ± 0.2			
Colour (post autoclaving/heating):		Amber			
Clarity (post autoclaving/heating):		Clear to slightly opalescent			
(III) Q.C. Test Microbiological					
Average diameter of zone of inhibition observed after an incubation at 25-30°C for 48-72 hours.					
MICROORGANISM (ATCC)	Growth	Zone of inhibition (AmphotericinB 50 mcg)	Zone of inhibition (Nystatin 50mcg)	Zone of inhibition (Miconazole 50mcg)	Zone of inhibition (Ketoconazole 50mcg)
Candida albicans (90028)	Luxuriant	12 - 15mm	19 - 23mm	26 - 32mm	30 - 37mm
Candida parapsilosis (22019)	Luxuriant	13 - 17mm	19 - 23mm	23 - 29mm	27 - 33mm
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 testing antimycotic sensitivity by diffusion method using antimycotic sensitivity discs.				
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
B1137	85.0 g/l	5.88 L	6.6 ± 0.2	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 BIOMARK LABORATORIES publications.

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