

BIOMARK Laboratories-INDIA
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TECHNICAL SHEET

B1278	WATER AGAR					
Formula						
Ingredients :		gms/lit.				
Agar		20.00				
Final pH (at 25°C): Self						
Directions :						
Suspend 20.00 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. Dispense as desired.						
Principle :						
Successful isolation of the fungi can be achieved by the use of selective media that slow down the growth of the fungi. Most fungi and bacteria will grow on Water Agar, but at such a slow rate that it is relatively easy to isolate the target fungus. The simple formulation of the medium allows for easy observation of sporulation.						
QC Tests – (I) Dehydrated Medium						
Colour :		White to cream				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		Self				
Colour (post autoclaving/heating) :		White				
Clarity (post autoclaving/heating) :		Clear to slightly opalescent				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after an incubation at 1)35- 37°C for bacteria and 2)25-30°C for fungus, after 48-72 hours.						
MICROORGANISM (ATCC)		GROWTH				
Candida albicans (10231)		fair-good				
Saccharomyces cerevisiae (9763)		fair-good				
Escherichia coli(25922)		fair				
Pseudomonas aeruginosa (27853)		fair				
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 enumeration, cultivation and observation of sporulation of some 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
B1278	20.00 g/l	25.00L	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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