

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B278	OAT MEAL AGAR				
Formula					
Ingredients :		gms/lit.			
Oat meal	60.00				
Agar	12.50				
Final pH (at 25°C): 7.2 ± 0.2					
Directions :					
Suspend 72.5 grams in 1000 ml purified / distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 min. Cool to 45-50°C. Mix well and pour into sterile Petri plates.					
Principles :					
This is a very simple formulation containing only Oat Meal and Agar. However, Oat Meal has enough nutrients to enhance the growth of fungi. Agar acts as the solidifying agent.					
QC Tests - (I) Dehydrated Medium					
Colour :	Cream to yellow				
Appearance :	Homogeneous powder or soft lumps which can be easily broken down to powder				
(II) Rehydrated medium					
pH (post autoclaving/heating):	7.2 ± 0.2				
Colour (post autoclaving/heating) :	Brownish yellow				
Clarity (post autoclaving/heating) :	Opaque gel with some suspended particles forms in Petri plates				
(III) Q.C. Test Microbiological					
Cultural characteristics observed after an incubation at 25-30°C for 18-48 hours.					
MICROORGANISM (ATCC)	GROWTH				
Aspergillus niger (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:	For cultivation of fungi, particularly for macrospore formation.				
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
B278	72.50 g/l	6.90 L	7.2± 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 BIOMARK LABORATORIES publications.

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