

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B392	ACETOBACTER AGAR (MANNITOL)					
Formula						
Ingredients :		gms/lit.				
Peptic digest of animal tissue		3.00				
Yeast extract		5.00				
Mannitol		25.00				
Agar		15.00				
Final pH (at 25°C) : 7.4 ± 0.2						
Directions :						
Suspend 48 gms. in 1000 ml. distilled water. Boil to dissolve the medium completely. Dispense in test tubes, and sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool quickly and place them in a slanted position.						
Principle :						
Acetobacter Agar (Mannitol) is formulated as per Manual of Microbiological methods and is recommended for the maintenance of Acetobacter species utilizing mannitol.						
QC Tests - (I) Dehydrated Medium						
Colour :		Cream to yellow				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		7.4 ± 0.2				
Colour (post autoclaving/heating) :		Cream to yellow				
Clarity (post autoclaving/heating) :		Clear to slightly opalescent				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 24-48 hrs. at 35-37°C.						
MICROORGANISM (ATCC)		GROWTH				
Acetobacter hansenii (35959)		Luxuriant				
Acetobacter pasteurianus (6033)		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 maintenance of Acetobacter species which are mannitol positive.				
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
B392	48.00 g/l	10.41 L	7.4 ± 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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