

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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