

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B912	ACETATE AGAR					
Formula						
Ingredients:			gms/lit.			
Peptic digest of animal tissue			5.00			
Yeast extract			5.00			
Meat extract			5.00			
Dextrose			10.00			
Polysorbate 80 (Tween 80)			0.50			
Sodium acetate .3H ₂ O			27.22			
Agar			20.00			
Final pH (at 25°C): 5.4 ± 0.2						
Directions:						
Suspend 61.9 grams (the equivalent weight of dehydrated medium per litre) of dehydrated medium 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 minutes. Cool to 45-50°C. Mix well and pour into sterile Petri plates.						
Principle:						
Peptic digest of animal tissue, yeast extract, meat extract provides all essential growth nutrients. Polysorbate 80 maintains the surface tension of the medium to the optimal level. Glucose is the energy source. Sodium acetate serves as a sole source of carbon.						
QC Tests - (I) Dehydrated Medium						
Colour:		Light yellow to beige				
Appearance:		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating):		5.4 ± 0.2				
Colour (post autoclaving/heating):		Yellow				
Clarity (post autoclaving/heating):		Clear to slightly opalescent				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after an incubation at 25-30°C for 18-48 hours.						
MICROORGANISM (ATCC)		GROWTH				
Leuconostoc mesenteroides (12291)		Good -luxuriant				
Pediococcus acidilactici (33314)		Good -luxuriant				
Enterococcus faecalis (29212)		None - poor				
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 the isolation and cultivation of Leuconostoc and Pediococcus species.				
Storage:		Dehydrated medium and Prepared medium- Between 2 to 8°C.				
Packing:		500 gm. bottle				
Product profile:		Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
B912	61.90 g/l	8.07 L	5.4 + 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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