

TECHNICAL SHEET

B917	ADAMS AGAR					
Formula						
Ingredient:		gms/lit.				
Dextrose		0.40				
Sodium acetate		2.30				
Agar		20.00				
Final pH (at 25°C): Self						
Directions:						
Suspend 22.7 gms. in 1000 ml distilled water. Heat to boiling to dissolve the medium completely. Dispense in test tubes. Sterilize by autoclaving at 108-112°C for 15 minutes. Allow the tubes to solidify in slanted position.						
Principle:						
Dextrose in the medium stimulates sporulation. Acetate and dextrose are used as a carbon sources.						
QC Tests - (I) Dehydrated Medium						
Colour:		Off white-light yellow				
Appearance:		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		Self				
Colour (post autoclaving/heating):		Yellow				
Clarity (post autoclaving/heating):		Opalescent				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 18 -48 hrs. at 30°C.						
MICROORGANISM (ATCC)		GROWTH		SPORULATION		
Saccharomyces cerevisiae (9763)		luxuriant		positive		
Aspergillus brasiliensis (16404)		luxuriant		negative		
Candida albicans (10231)		luxuriant		negative		
Penicillium notatum (10108)		luxuriant		negative		
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 examining sporulation in yeasts.				
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
B917		22.7 g/l	22.03 L	Self	Nil	108-112°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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