

TECHNICAL SHEET

BS012	ANTIBIOTIC ASSAY MEDIUM NO.13(NYSTATIN ASSAY BROTH)					
Formula						
Ingredients:			gms/lit.			
Peptic digest of animal tissue			10.00			
Dextrose			20.00			
Final pH (at 25°C) : 5.6 ± 0.2						
Directions :						
Suspend 30.0 gms in 1000ml. distilled water. Heat to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool and dispense as desired.						
Principle :						
Nutrients and growth factors are supplied by the ingredient like Peptic digest of animal tissues, Dextrose as a sugar is also supplemented as a carbon and energy source.						
QC Tests – (I)Dehydrated Medium						
Colour :			Cream to light yellow			
Appearance :			Homogeneous Free Flowing powder			
(II)Rehydrated medium						
pH (post autoclaving/heating):			5.6 ± 0.2			
Colour (post autoclaving/heating) :			Light yellow to light amber			
Clarity (post autoclaving/heating) :			Clear			
(III)Q.C. Test Microbiological						
Cultural characteristics observed after 18-24 hrs. at 35-37°C.						
MICROORGANISM (ATCC)		GROWTH	SERIAL DILUTION WITH			
Saccharomyces cerevisiae (9763)		Luxuriant	Candididin			
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 microbiological assay of antibiotics as per USP/IP.				
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
BS012		30.0 g/l	16.66 L	5.6 ± 0.2	Nil	121°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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