

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

BS015	YEAST MEAT ASSAY BROTH(ANTIBIOTIC ASSAY MEDIUM NO.21)					
Formula						
Ingredients:		gms/lit.				
Meat extract B#		1.50				
Gelatine peptone		5.00				
Yeast extract		1.50				
Dextrose		11.00				
Sodium chloride		3.50				
Dipotassium phosphate		3.68				
Monopotassium phosphate		1.32				
#Equivalent to Beef Extract						
Final pH (at 25°C):		6.6± 0.2				
Directions:						
Suspend 27.5 grams in 1000 ml distilled water. Heat if necessary 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 provided by ingredients like gelatine peptone, Meat extract B, yeast extract. Dextrose provides energy source. Sodium chloride provides the osmotic balance and the phosphates provide the buffering system.						
QC Tests – (I)Dehydrated Medium						
Colour:		Light yellow				
Appearance:		Homogeneous Free Flowing powder				
(II)Rehydrated medium						
pH (post autoclaving/heating):		6.6 ± 0.2				
Colour (post autoclaving/heating):		Medium amber				
Clarity (post autoclaving/heating):		Clear				
(III)Q.C. Test Microbiological						
Cultural characteristics observed after 18-48 hrs. at 30°C.						
MICROORGANISM (ATCC)		GROWTH				
Candida albicans (10231)		Luxuriant				
Candida tropicalis (13803)		Luxuriant				
Saccharomyces cerevisiae (2601)		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:		It is used for the microbiological assay of Amphotericin B using Candida tropicalis ATCC 13803 as the test organism.				
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
BS015		27.5 g/l	18.18 L	6.6 ±0.2	Nil	121 ⁰ 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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