

BIOMARK Laboratories-INDIA
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TECHNICAL SHEET

B825	YEAST GLUCOSE MEAT BROTH				
Formula					
Ingredients:gms/lit.					
Peptic digest of animal tissue	10.00				
Meat extract B#	10.00				
Yeast extract	3.00				
Sodium chloride	5.00				
Dextrose	5.00				
# Equivalent to Beef Extract					
Final pH (at 25°C) : 7.0± 0.2					
Directions :					
Suspend 33 grams in 1000 ml distilled water. Heat to boiling to dissolve the medium completely and dispense as desired. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.					
Principle :					
Dextrose provides an energy source for the growth of microorganisms. Yeast extract, peptic digest of animal tissue and Meat extract B provide the necessary growth factors and nutrients. Sodium chloride helps to maintain osmotic balance of the cells.					
QC Tests – (I)Dehydrated Medium					
Colour :	Cream to yellow				
Appearance :	Homogeneous Free Flowing powder				
(II)Rehydrated medium					
pH (post autoclaving/heating) :	7.0 ± 0.2				
Colour (post autoclaving/heating) :	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				
Leuconostoc dextranicum	good-luxuriant				
Streptococcus cremoris(19257)	good-luxuriant				
Lactobacillus lactis(8000)	good-luxuriant				
Streptococcus thermophiles (14485)	good-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 cultivation of lactic Streptococci for determining growth characteristics.				
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
B825	33 g/l	15.15L	7.0± 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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