

TECHNICAL SHEET

B754	SUCROSE AGAR FOR BREWERY ISOLATES					
Formula						
Ingredients :		gms/lit.				
Casein enzymic hydrolysate		10.00				
Yeast Extract		5.00				
Dipotassium phosphate		5.00				
Triammonium phosphate		5.00				
Sucrose		50.00				
Agar		15.00				
Final pH (at 25°C) : Self						
Directions :						
Suspend 9 grams in 100 ml distilled water. Heat to boiling to dissolve the medium completely. Dispense as desired and sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool to 25°C and store in a cool, dry place preferably below 25°C.						
Principle :						
Casein enzymic hydrolysate and yeast extract provides as nitrogen source and other essential nutrients. The phosphates act as buffering system. Leuconostoc spp synthesizes dextran from sucrose.						
QC Tests - (I)Dehydrated Medium						
Colour :		Cream to yellow				
Appearance :		Homogeneous Free Flowing powder				
(II)Rehydrated medium						
pH (post autoclaving/heating) :		Self				
Colour (post autoclaving/heating) :		Light amber				
Clarity (post autoclaving/heating) :		clear to slightly opalescent gel				
(III)Q.C. Test Microbiological						
Cultural characteristics observed after 18 - 48 hrs.at 35-37°C.						
MICROORGANISM		GROWTH				
Leuconostoc dextranicum		good-luxuriant				
Leuconostoc mesenteroides		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 recommended isolation of dextran producing by Leuconostoc species				
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
B754		90 g/l	5.55 L	Self	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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