

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B630	MODIFIED SALT BROTH					
Formula						
Ingredients :		gms/lit.				
Heart digest		10.00				
Peptic digest of animal tissue		10.00				
Sodium chloride		65.00				
Dextrose		1.00				
Bromo cresol purple		0.016				
Final pH (at 25°C) : 7.2 ± 0.2						
Directions :						
Suspend 86 gms in 1000ml distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15lbs pressure (121°C) for 15 minutes.						
Principle :						
Heart digest and peptic digest of animal tissue provide essential nitrogenous nutrients while dextrose is the carbohydrate source in the medium. Bromo cresol purple is the pH indicator which turns yellow from purple at acidic pH.						
QC Tests – (I)Dehydrated Medium						
Colour :		Light yellow to greenish yellow				
Appearance :		Homogeneous Free Flowing powder				
(II)Rehydrated medium						
pH (post autoclaving/heating) :		7.2 ± 0.2				
Colour (post autoclaving/heating) :		Purple				
Clarity (post autoclaving/heating) :		Clear solution may contain a slight precipitate.				
(III)Q.C. Test Microbiological						
Cultural characteristics observed after 48 hrs.at 35-37°C.						
MICROORGANISM (ATCC)		GROWTH				
Streptococcus faecalis (29212)		Luxuriant				
Streptococcus bovis (27960)		Inhibited				
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 the differentiation of enterococcal group D Streptococci from non-enterococcal group D Streptococci.				
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
B630		86g/l	5.813L	7.2 ± 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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