

TECHNICAL SHEET

B1353	LITSKY MEDIUM				
Formula					
Ingredients :		gms/lit.			
Peptone		20.00			
Glucose		5.00			
Dipotassium phosphate		2.70			
Monopotassium phosphate		2.70			
Sodium chloride		5.00			
Sodium azide		0.20			
Ethyl violet		0.50			
Final pH (at 25°C) : 7.0 ± 0.2					
Directions :					
Suspend 36.10 gms. of 1000 ml distilled water. Heat, if necessary to dissolve the medium completely. Dispense in tubes in 10 ml amounts and sterilise by autoclaving at 15 lbs pressure (121°C) for 15 minutes.					
Principle :					
Casein enzymic hydrolysate and dextrose provides the necessary nutrients for the growth of Enterococci. Sodium azide and ethyl violet inhibit gram – negative bacilli and gram – positive spore formers.					
QC Tests – (I) Dehydrated Medium					
Colour :		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 24 – 48 hrs.at 35- 37°C.					
MICROORGANISM (ATCC)		GROWTH			
Enterococcus faecalis (29212)		Luxuriant with purple button at the bottom of tube			
Escherichia coli (25922)		Inhibited			
Streptococcus pyogenes (19615)		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 selective, confirmatory detection of Enterococci as an indicator of faecal pollution in water and other specimens.				
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
B1353	36.10 g/l	13.85 lit	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 BIOMARK LABORATORIES publications.

The information contained in this publication is based on our in-house studies and market performance and is to the best of our knowledge true and accurate. BIOMARK LABORATORIES reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal or therapeutic use but for laboratory, diagnostic, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.