

TECHNICAL SHEET

B1173	EE BROTH MOSSEL (ENRICHMENT BROTH MEDIUM E)				
Formula					
Ingredients :					
	gms/lit.				
Pancreatic digest of gelatin	10.00				
D-Glucose monohydrate	5.00				
Dehydrated Ox-bile	20.00				
Disodium hydrogen ortho - Phosphate	8.00				
Potassium dihydrogen phosphate	3.00				
Brilliant green	0.02				
Final pH (at 25°C) : 7.2 ± 0.2					
Directions :					
Suspend 46.01 gms. in 1000 ml distilled water. Dispense 100 ml amounts in 250 ml flasks. Stopper with cotton plugs or loose fitting caps. Heat to 100 c. boiling water for 30 minutes. Cool rapidly in running water. DO NOT AUTOCLAVE.					
Principle :					
Peptic digest of gelatin provide nitrogen, vitamins and amino acids. Dextrose is a carbon source. Disodium hydrogen Phospahte and Potassium dihydrogen Phosphate are buffering agents. Brilliant Green and Ox-bile are selective agents.					
QC Tests - (I) Dehydrated Medium					
Colour :	Cream to yellow				
Appearance :	Homogeneous Free Flowing powder				
(II) Rehydrated medium					
pH (post autoclaving/heating) :	7.2 ± 0.2				
Colour (post autoclaving/heating) :	Green				
Clarity (post autoclaving/heating) :	Clear				
(III) Q.C. Test Microbiological					
Cultural characteristics observed after 20-24 hrs. at 35-37°C.					
MICROORGANISM (ATCC)	GROWTH	ACID			
Escherichia coli (25922)	Luxuriant	+			
Enterobacter aerogenes (13048)	Luxuriant	+			
Proteus mirabilis (25933)	Luxuriant	+			
Salmonella enteritidis (13076)	Luxuriant	±			
Shigellaboydii (12030)	Luxuriant	-			
Staphylococcus aureus (25923)	Inhibited	-			
Key : + = positive, yellow colouration					
- = negative, no colour change, green					
± = variable reaction					
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 enrichment of Enterobacteriaceae in the bacteriological examination of foods as per B.P.				
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
B1173	46.01g/l	10.86L	7.2 ± 0.2	Nil	DO NOT AUTOCLAVE.

Refer disclaimer overleaf

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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