

TECHNICAL SHEET

B1487	MODIFIED TEEPOL BROTH (TWIN PACK)				
Formula					
Ingredients :		gms/lit.			
Part A					
Peptic Digest of Animal Tissue		40.00			
Lactose		30.00			
Yeast Extract		6.00			
Phenol red		0.20			
Part B					
Teepol		4.00			
Final pH (at 25°C): 7.4 ±0.2					
Directions :					
Suspend 76.2 gms. of part A and 4 ml. of part B in 1000 ml distilled water. Heat if necessary to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.					
Principle :					
Peptic digest of animal tissue supports growth whereas Lactose is fermented by lactose-fermenting enteric bacteria. Phenol red is pH indicator. Teepol acts as surfactants.					
QC Tests - (I) Dehydrated Medium					
	Colour :	Part A: Light yellow to light pink Part B: Colourless			
	Appearance :	Part A: Homogeneous Free Flowing powder Part B: Viscous solution			
(II) Rehydrated medium					
	pH (post autoclaving/heating) :	7.4 ± 0.2			
	Colour (post autoclaving/heating) :	Light red to orange red			
	Clarity (post autoclaving/heating) :	Clear to slightly opalescent			
(III) Q.C. Test Microbiological					
Cultural characteristics observed after 18- 48 hrs at ---.					
	MICROORGANISM (ATCC)	GROWTH AT 35-37°C.	GROWTH AT 43-45°C.		
	Escherichia coli (25922)	Good-luxuriant	Good-luxuriant		
	Enterobacter aerogenes (13048)	Good-luxuriant	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. 2. This medium is not recommended for indole testing of coliforms and other enterics.			
Use :		It is used for selective isolation and identification of enteric lactose fermenting bacteria. The composition and performance criteria of this medium are as per the specifications laid down in ISO 9308-1:1990.			
Storage :		Dehydrated medium- below 30°C Prepared medium- Between 2 to 8°C.			
Packing :		500 gm. bottle of Part A and 100 ml bottle of part B			
Product profile:		Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement Sterilization
B1487	80.20 g/l (Part A+B)	6.23L (Part A+B)	7.6 ± 0.2	NIL	121°C /15 min.

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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