

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B1247	POLYSORBATE 80 AGAR (TWIN PACK)					
Formula						
Ingredients :		gms/lit.				
Part A-						
Peptic digest of animal tissue		10.00				
Agar		15.00				
Part B -						
Polysorbate 80		10.00				
Final pH (at 25°C) : 7.2± 0.2						
Directions :						
Suspend 25 grams of Part A in 990 ml distilled water. Heat to boiling to dissolve the medium completely. Add 10 ml of Part B. Mix well and sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Mix well and pour into sterile Petri plates.						
Principle :						
Peptic digest of animal tissue, which provide the necessary nutrients for the growth of the organisms. Polysorbate 80 provides fatty acids for the metabolism of the organisms and neutralizes phenolic disinfectants, hexachlorophene and formalin.						
QC Tests - (I) Dehydrated Medium						
Colour :		Part A : Cream to yellow Part B : Colourless				
Appearance :		Part A : Homogeneous Free Flowing powder Part B : Clear viscous liquid				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		7.2 ± 0.2				
Colour (post autoclaving/heating) :		Yellow				
Clarity (post autoclaving/heating) :		Clear				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 18 – 24 hrs at 35 - 37°C						
MICROORGANISM (ATCC)		GROWTH				
Escherichia coli (25922)		good-luxuriant				
Bacillus subtilis(6633)		good-luxuriant				
Staphylococcus aureus(25923)		good-luxuriant				
Candida albicans(10231)		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 used for the cultivation of variety of microorganisms.				
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
B1247		25.0 g/l(Part A)	20.0 L	7.2 ± 0.2	NIL	121 ⁰ 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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