

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B1051	GARROD ACTINOMYCES MEDIUM				
Formula					
Ingredients :		gms/lit.			
Peptic digest of animal tissue		10.00			
Meatextract#		3.00			
Sodium chloride		5.00			
Starch, soluble		1.00			
Agar		20.00			
		# - Equivalent to Beef extract			
Final pH (at 25°C) : Self					
Directions :					
Suspend 39 gms in 1000 ml distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.					
Principle :					
Peptic digest of animal tissue and beef extract provide nitrogenous substances and other nutrients. Sodium chloride maintains osmotic equilibrium. Starch is added to absorb any toxic substances present in the medium. Agar is the solidifying agent.					
QC Tests - (I) Dehydrated Medium					
Colour:		Cream to light yellow			
Appearance :		Homogeneous Free Flowing powder			
(II) Rehydrated medium					
pH (post autoclaving/heating) :		Self			
Colour (post autoclaving/heating) :		Cream to light yellow			
Clarity (post autoclaving/heating) :		Slightly opalescent			
(III) Q.C. Test Microbiological					
Cultural characteristics observed after 18 - 48 hrs. at 30°C when incubated anaerobically.					
MICROORGANISM (ATCC)		GROWTH			
Actinomyces israelii		luxuriant			
Actinomyces bovis		Luxuriant			
Precautions :					
1. For Laboratory Use. 2. Follow proper, established laboratory procedures in handling and disposing of infectious materials. 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 cultivation of pathogenic anaerobic species, Actinomyces israelii and Actinomyces bovis.					
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
B1051	39g/l	12.82L	self	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 BIOMARK LABORATORIES publications.

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