

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B942	BENNET'S AGAR					
Formula						
Ingredients :		gms/lit.				
Glucose		10.00				
Pancreatic digest of casein		2.00				
Liver extract		1.00				
Meat extract B #		1.00				
Agar		15.00				
# Equivalent to beef extract						
Final pH (at 25°C) : 6.7 ± 0.2						
Directions :						
Suspend 29 gms. in 1000 ml. distilled water. Boil to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.						
Principle :						
Pancreatic digest of casein, liver extract and beef extract provide nitrogen and other essential nutrients. Glucose provides an energy source. Agar is the solidifying agent.						
QC Tests - (I) Dehydrated Medium						
Colour :		Cream				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		6.7 ± 0.2				
Colour (post autoclaving/heating) :		Cream				
Clarity (post autoclaving/heating) :		Slightly opalescent				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 18-48 hrs. at 30°C.						
MICROORGANISM (ATCC)		GROWTH				
Streptomyces albus (3004)		Good - luxuriant				
Streptomyces lavendulae (8664)		Good - luxuriant				
Nocardia asteroides (19247)		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 :		For cultivation and enhancement of sporulation of Nocardia and streptomyces.				
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
B942	29g/l	17.241L	6.7 ± 0.2	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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