

B941	BEIJERINCKIA MEDIUM					
Formula						
Ingredients:			gms/litre			
Monopotassium phosphate			0.80			
Sucrose			20.00			
Dipotassium phosphate			0.20			
Magnesium sulphate			0.50			
Ferric chloride			0.10			
Sodium molybdate			0.005			
Agar			15.00			
Final pH (at 25°C): 6.5 ± 0.2						
Directions:						
Suspend 36.6 grams 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. Mix well and pour into sterile Petri plates.						
Principle:						
Sucrose is the energy source, phosphates serve as buffers and magnesium sulphate, ferric chloride and sodium molybdate act as trace elements.						
QC Tests – (I) Dehydrated Medium						
Colour:			White to cream			
Appearance:			Homogeneous Free Flowing powder			
(II) Rehydrated medium						
pH (post autoclaving/heating) :			6.5 ± 0.2			
Colour (post autoclaving/heating):			Colourless			
Clarity (post autoclaving/heating):			Clear to slightly opalescent			
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 18-48 hours at 20-30°C.						
ORGANISM (ATCC)		GROWTH				
Beijerinckia indica (21423)		luxuriant				
Beijerinckia mobilus		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 isolation of Beijerinckia species.				
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
B941		36.6 g/l	13.66 L	6.5 ± 0.2	None	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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