

TECHNICAL SHEET

B383	RHIZOBIUM MEDIUM				
Formula					
Ingredients :		gms/lit.			
Mannitol		10.00			
Dipotassium phosphate		0.5			
Magnesium sulphate		0.2			
Yeast extract		1.0			
Agar		20.0			
Final pH (at 25°C) : 8.8 ± 0.2					
Directions :					
Suspend 31.8gms.in 1000 ml distilled water. Heat if necessary to dissolve the medium completely.Sterilize by autoclaving at 15 lbs pressure (121°C) for15 minutes.					
Principle :					
Yeast extract provides essential growth nutrients. Potassium phosphate buffers the medium to maintain the constant pH. Agar is the solidifying agent.					
QC Tests – (I)Dehydrated Medium					
	Colour :	Cream			
	Appearance :	Homogeneous Free Flowing powder			
(II)Rehydrated medium					
	pH (post autoclaving/heating) :	6.8 ± 0.2			
	Colour (post autoclaving/heating) :	Light amber			
	Clarity (post autoclaving/heating) :	Clear to slightly opalescent			
(III)Q.C. Test Microbiological					
Cultural characteristics observed after 24-48 hrs.at 35-37°C.					
	MICROORGANISM (ATCC)	GROWTH			
	Rhizobium sp.	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 isolation and cultivation of Rhizobium sp.					
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
B383	31.8 g/l	15.72 L	8.8 ± 0.2	Nil	121°C/15 min.

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.

The information contained in this publication is based on our in-house studies and market performance and is to the best of our knowledge true and accurate. BIOMARK LABORATORIES reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal or therapeutic use but for laboratory, diagnostic, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.