

TECHNICAL SHEET

B631	MODIFIED V.P. BROTH					
Formula						
Ingredients :		gms/lit.				
Proteose peptone		7.00				
Glucose		5.00				
Sodium chloride		5.00				
Final pH (at 25°C) : Self						
Directions :						
Suspend 17.0 grams in 1000ml distilled water. Dispense 5 ml amounts in test tubes and Sterilize by autoclaving at 15lbs pressure (121°C) for 15 minutes.						
Principle :						
Proteose peptone provide nitrogenous nutrients. Glucose is the fermentable carbohydrate and carbon source in the medium. Acetyl methyl carbinol is produced from glucose by the members of Bacillus cereus group. After the inoculation and incubation at 35°C for 48 hours, the presence of acetyl methyl carbinol is determined by adding 0.2ml. of 40% potassium hydroxide and 0.6 ml. of 5% alcoholic alpha-naphthol solution to 1 ml. of culture tube. This reaction is hastened by the addition of a few crystals of creatine by which the purple colour development takes place within 15 minutes.						
QC Tests - (I) Dehydrated Medium						
Colour :		Light yellow				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		Self				
Colour (post autoclaving/heating) :		Light 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	VP TEST			
Bacillus cereus (10876)		luxuriant	+ (purple)			
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 performing V.P. Test.				
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
B631	17g/l	29.411L	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 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.