

BIOMARK Laboratories-INDIA
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TECHNICAL SHEET

B1062	HIGH SALT NUTRIENT AGAR				
Formula					
Ingredients :		gms/lit.			
Peptic digest of animal tissue	5.00				
Meat extract B#	5.00				
Sodium chloride	30.00				
Agar	15.00				
#- Equivalent to Beef extract					
Final pH (at 25°C) : 8.5 ± 0.2					
Directions :					
Suspend 55 gms in 1000 ml distilled water. Heat boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.					
Principle :					
This medium is selective for Vibrios which are capable of growing in the presence of 3% sodium chloride. Peptic digest of animal tissue and beef extract act as source of growth nutrients.					
QC Tests – (I) Dehydrated Medium					
Colour :	Cream to Yellow				
Appearance :	Homogeneous Free Flowing powder				
(II) Rehydrated medium					
pH (post autoclaving/heating) :	8.5 ± 0.2				
Colour (post autoclaving/heating) :	Cream to Light yellow				
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				
Vibrio parahaemolyticus (17802)	Good – luxuriant				
Vibrio cholerae (15748)	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 isolation and cultivation of salt tolerant Vibrio 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
B1062	55.0 g/l	9.09 L	8.5± 0.2	Nil	121°C/15min.

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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