

TECHNICAL SHEET

B702	RIPPEY-CABELLI AGAR BASE					
Formula						
Ingredients :		gms/lit.				
Tryptose		5.00				
Trehalose		5.00				
Yeast extract		2.00				
Sodium chloride		3.00				
Potassium chloride		2.00				
Magnesium sulphate		0.20				
Iron (III) chloride		0.10				
Bromo thymol blue		0.04				
Agar		15.00				
Final pH (at 25°C) : 8.0 ± 0.2						
Directions :						
Suspend 16.17gms. in 500ml distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool to 50°C and aseptically add 5 ml ethanol and rehydrated contents of 1 vial of Rippey-Cabelli Supplement (BF094). Mix well and pour into sterile petri plates.						
Principle :						
Tryptose and yeast extract provide nitrogenous compounds, vitamin B complex and other essential growth nutrients of Aeromonas species. Ampicillin, sodium deoxycholate and ethanol are the selective agents which inhibit gram-positive bacteria, coliform, Shigella species, Proteus mirabilis and Actinomyces. Ethanol inhibits overgrowth of Klebsiella species on the filter.						
QC Tests – (I) Dehydrated Medium						
Colour :		Pale green				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		8.0 ± 0.2				
Colour (post autoclaving/heating) :		Dark green				
Clarity (post autoclaving/heating) :		Clear to slightly opalescent				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 24 hrs at 35-37°C.						
MICROORGANISM (ATCC)		GROWTH		TREHALOSE FERMENTATION		
Aeromonas hydrophila (7966)		Luxuriant		+		
Escherichia coli (25922)		None – poor		-		
Staphylococcus aureus (25923)		Inhibited		-		
Shigella flexneri (12022)		Inhibited		-		
Key : + = acid production, yellow colour - = negative, blue – green colour						
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 differential and selective cultivation of Aeromonas hydrophila from water samples using membrane filter technique.				
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
B702		16.17 g/l	30.92 L	8.0 ± 0.2	ethanol , Rippey-Cabelli Supplement (BF094)	121°C/15 min.

Refer disclaimer Overleaf

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.