

**TECHNICAL SHEET**

<b>B822</b>	<b>YEAST EXTRACT ROSE BENGAL BROTH BASE</b>				
<b>Formula</b>					
<b>Ingredients :</b>		<b>gms/lit.</b>			
Yeast extract		5.00			
Disodium phosphate		17.25			
Bile salt		2.00			
Sodium chloride		1.00			
Magnesium sulphate		0.01			
Sodium pyruvate		1.00			
Rose bengal		0.04			
Final pH (at 25°C) : 7.9 ± 0.2					
<b>Directions :</b>					
Suspend 26.3 gms. in 900ml. distilled water. Heat if necessary to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool to 20-25 C and aseptically add 100 ml. of 4% filter sterilized sorbose solution. Mix well and dispense aseptically as desired.					
<b>Principle :</b>					
Yeast extract provides essential nutrients. Bile salts inhibit gram – positive organisms. Salts help in cold enrichment of Yersinia species.					
<b>QC Tests – (I) Dehydrated Medium</b>					
	Colour :	Pink			
	Appearance :	Homogeneous Free Flowing powder			
<b>(II) Rehydrated medium</b>					
	pH (post autoclaving/heating) :	7.9 ± 0.2			
	Colour (post autoclaving/heating) :	Reddish pink			
	Clarity (post autoclaving/heating) :	Clear			
<b>(III) Q.C. Test Microbiological</b>					
	Cultural characteristics observed after 9-10 hrs at 4°C.				
	MICROORGANISM (ATCC )	RECOVERY			
	Yersinia enterocolitica (27729)	Good – luxuriant			
	Yersinia pseudotuberculosis (29833)	Good – luxuriant			
<b>Precautions :</b>	1. For Laboratory Use. 2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.				
<b>Limitations :</b>	1. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.				
<b>Use :</b>	For the recovery of Yersinia enterocolitica and Yersinia pseudotuberculosis from food samples.				
<b>Storage :</b>	Dehydrated medium- below 30°C Prepared medium– Between 2 to 8°C.				
<b>Packing :</b>	500 gm. Bottle				
<b>Product profile:</b>	Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
<b>B822</b>	26.3 g/l	19.01 L	7.9 ± 0.2	4% sorbose	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 BIOMARK LABORATORIES 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.