

TECHNICAL SHEET

B1508	SALT POLYMYXIN BROTH BASE					
Formula						
Ingredients :			gms/lit.			
Peptic digest of animal tissue			9.00			
Yeast extract			2.70			
Sodium chloride			18.00			
Final pH (at 25°C) :			7.4 ± 0.2			
Directions :						
Suspend 14.85 grams in 500 ml distilled water. Heat if necessary to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool to 45 - 50°C and aseptically add rehydrated contents of 1 vial of Polymyxin B Selective Supplement (BF005). Mix well and dispense as desired.						
Principle :						
Peptic digest of animal tissue and yeast extract provide nitrogenous compounds, carbon, sulphur, trace elements and vitamin B complex, essential for the growth. Polymyxin B sulphate inhibits gram-positive organisms.						
QC Tests - (I) Dehydrated Medium						
Colour :			Cream to yellow			
Appearance :			Homogeneous Free Flowing powder			
(II) Rehydrated medium						
pH (post autoclaving/heating) :			7.4 ± 0.2			
Colour (post autoclaving/heating) :			Light yellow clear			
Clarity (post autoclaving/heating) :			Clear solution without any precipitate			
(III) Q.C. Test Microbiological						
Cultural characteristics observed after an incubation at 35-37°C for 24-48 hours with added Polymyxin B Selective Supplement (BF005).						
MICROORGANISM (ATCC)			GROWTH			
Vibrio parahaemolyticus (17802)			Luxuriant			
Vibrio cholerae (14035)			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 detection and enumeration of Vibrio species as per International Organization for Standardization (ISO), 1990, Draft ISO/DIS 8914.				
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
B1508		29.7 g/l	16.8351L	7.4 ± 0.2	Polymyxin B Selective Supplement (BF005).	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 BIOMARK LABORATORIES publications.

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