

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B478	CULTURE MEDIUM FOR RWC (DISINFECTANT TEST BROTH) (RWC MEDIUM)					
Formula						
Ingredients:		gms/lit.				
Meat extract B #		20.00				
Peptic digest of animal tissue		20.00				
Sodium chloride		10.00				
# Equivalent to Beef extract						
Final pH (at 25°C): 7.5 ± 0.2						
Directions:						
Suspend 50 grams in 1000 ml purified / 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°. Dispense in sterile test tubes.						
Principle:						
Meat extract B and peptic digest of animal tissue, which provide necessary nutrients to the growth of Salmonella Typhi when used as test organism. Presence of sodium chloride balances the osmotic equilibrium.						
QC Tests - (I) Dehydrated Medium						
Colour:		Cream to yellow				
Appearance:		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating):		7.5 ± 0.2				
Colour (post autoclaving/heating):		Yellow				
Clarity (post autoclaving/heating):		Clear solution in tubes				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 18 -24 hrs. at 35-37°C.						
MICROORGANISM (ATCC)		GROWTH				
Salmonella Typhi A (6539)		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:		It is used for determination of phenol coefficient of disinfectants using Salmonella Typhi as a test organism.				
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
B478	50.0g/l		10.00 L	7.5 ± 0.2	Nil	121°C / 15 minutes

Disclaimer:

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