

TECHNICAL SHEET

B1267	THIOMERSAL ASSAY MEDIUM					
Formula						
Ingredients :		gms/lit.				
Beef extract		3.00				
Casein enzymic hydrolysate		10.00				
Yeast extract		1.50				
Sodium chloride		3.00				
Sucrose		1.00				
Agar		15.00				
Final pH (at 25°C) : 7.5 ± 0.2						
Directions :						
Suspend 33.5 grams in 1000 ml distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 20 minutes. Mix well and pour in sterile Petri plates.						
Principle :						
Casein enzymic hydrolysate, beef extract and yeast extract provides nitrogenous and other essential growth nutrients. Sodium chloride maintains osmotic balance of the medium. Sucrose is the source of carbon.						
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) :		Amber				
Clarity (post autoclaving/heating) :		clear to slightly opalescent gel				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after an incubation at 30°C for 18 - 24 hours.						
MICROORGANISM (ATCC)		GROWTH				
Micrococcus flavus (10240)		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 recommended for microbiological assay of thiomersal as per I.P.				
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
B1267		33.5 g/l	14.925 L	7.5 ± 0.2	Nil	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.

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