

TECHNICAL SHEET

B802	TRYPTONE TELLURITE AGAR BASE				
Formula					
Ingredients:		gms/lit.			
Casein enzymic hydrolysate		10.00			
Peptic digest of animal tissue		10.00			
Sodium chloride		5.00			
Dextrose		2.00			
Agar		20.00			
Final pH (at 25°C): 7.5± 0.2					
Directions:					
Suspend 47 gms. in 950ml. distilled water. Boil to dissolve the medium completely. Sterilize by autoclaving at 12-15 lbs pressure (118-121°C) for 15 minutes. Cool to around 50-55C and aseptically add sterile, 10 ml. of 1% Potassium Tellurite Solution (BF010) and 50 ml. of sterile sheep, rabbit or human serum. Mix well and pour into sterile petri plates.					
Principle:					
Casein enzymic hydrolysate and peptic digest of animal tissue presents in the medium provide nitrogenous, carbonaceous compound and trace elements. Dextrose is an energy source. Sodium chloride maintains osmotic equilibrium. Potassium tellurite inhibits gram –negative and most gram – positive bacteria except Corynebacteria and some Streptococci. Serum provides additional growth factors for Corynebacterium species.					
QC Tests – (I)Dehydrated Medium					
Colour:		Light 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):		Slightly opalescent			
(III)Q.C. Test Microbiological					
Cultural characteristics observed after 24 - 48 hrs at 35-37°C.					
MICROORGANISM (ATCC)		GROWTH		COLOUR OF COLONY	
Corynebacterium diphtheriae (9675)		Luxuriant		Grey to black	
Staphylococcus aureus (25923)		None to poor		White to grey	
Escherichia coli (25922)		Inhibited		-	
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 selective isolation of pathogens from clinical specimens, especially from nose, throat and vagina.					
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
B802	47g/l	10.638L	7.5± 0.2	1% Potassium Tellurite Solution, sterile sheep, rabbit of human serum	118-121°C /15 min.

Refer disclaimer Overleaf

BIOMARK Laboratories-INDIA

www.biomarklabs.com

TECHNICAL SHEET

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.