

TECHNICAL SHEET

B794	TRYPTONE PEPTONE GLUCOSE EXTRACT BROTH BASE (w/o Trypsin)				
Formula					
Ingredients :		gms/lit.			
Casein enzymic hydrolysate		50.00			
Yeast extract		20.00			
Peptic digest of animal tissue		5.00			
Dextrose		4.00			
Sodium thioglycollate		1.00			
Final pH (at 25°C) :		7.0 ± 0.2			
Directions :					
Suspend 80 gms. in 1000ml. distilled water. Boil to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Refrigerate the medium until use. Before inoculation add 1.5% filter sterilized Trypsin solution to a final concentration of 0.1% if desired.					
Principle :					
Casein enzymic hydrolysate, peptic digest of animal tissue and yeast extract provide nitrogenous compounds, vitamin B complex and other essential growth nutrients. Glucose is the energy source. Sodium thioglycollate is reducing agent.					
QC Tests - (I) Dehydrated Medium					
Colour :		Cream to light yellow			
Appearance :		Homogeneous Free Flowing powder			
(II) Rehydrated medium					
pH (post autoclaving/heating) :		7.0 ± 0.2			
Colour (post autoclaving/heating) :		Light yellow to light amber			
Clarity (post autoclaving/heating) :		Clear to slightly opalescent			
(III) Q.C. Test Microbiological					
Cultural characteristics observed under anaerobic conditions up to 7 days at 26-28 °C.					
MICROORGANISM (ATCC)		GROWTH			
Clostridium botulinum (25763)		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 :	Tryptone peptone glucose broth with or without trypsin is used to determine toxicity of Clostridium botulinum cultures.				
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
B794	80g/l	6.25L	7.0 ± 0.2	1.5% filter sterilized Trypsin solution if desired	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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