

TECHNICAL SHEET

B797	TRYPTONE SOYA AGAR WITH ADDED NACL				
Formula					
Ingredients :		gms/lit.			
Casein enzymic hydrolysate		15.00			
Papaic digest of soyabean meal		5.00			
Sodium chloride		10.00			
Agar		15.00			
Final pH (at 25°C) : 7.3 ± 0.2					
Directions :					
Suspend 45 gms. in 1000 ml distilled water. Boil to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.					
Principle :					
The combination of Casein enzymic hydrolysate and papaic digest of soyabean meal makes these media nutritious by providing amino acids and long chain peptides for the growth of microorganisms. Sodium chloride maintains osmotic balance in both the media.					
QC Tests – (I) Dehydrated Medium					
Colour :		Cream to light yellow			
Appearance :		Homogeneous Free Flowing powder			
(II) Rehydrated medium					
pH (post autoclaving/heating) :		7.3 ± 0.2			
Colour (post autoclaving/heating) :		Cream to light yellow			
Clarity (post autoclaving/heating) :		Clear slightly opalescent			
(III) Q.C. Test Microbiological					
Cultural characteristics observed after 18 – 48 hrs. at 35 – 37°C.					
	MICROORGANISM (ATCC)	GROWTH W/ BLOOD	HAEMOLYSIS		
	Candida albicans (10231)	Luxuriant	-		
	Staphylococcus aureus (25923)	Luxuriant	β		
	Streptococcus pyogenes (19615)	Luxuriant	β		
	Bacillus subtilis (6633)	Luxuriant	None		
	Bacteroides vulgatus (8482)	Luxuriant	None		
	Neisseria meningitides (13090)	Luxuriant	None		
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 soya agar with added NaCl is a highly nutritious general purpose medium recommended for use when 1% sodium chloride is needed in the medium.				
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
B797	45g/l	11.11L	7.3 ± 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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