

<b>B797</b>		<b>TRYPTONE SOYA AGAR WITH ADDED NACL</b>			
<b>Formula</b>					
<b>Ingredients:</b>		<b>gms/lit.</b>			
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					
<b>Directions :</b>					
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.					
<b>Principle :</b>					
Tryptone Soya Agar with added Sodium chloride is a nutritious general purpose medium recommended for use when 1% Sodium chloride is needed in medium. Tryptone and Soya peptone provide nitrogenous compounds and other growth factors. The medium contains slightly high concentration of sodium chloride which provides the ions and also maintains osmotic equilibrium.					
<b>QC Tests – (I)Dehydrated Medium</b>					
	Colour :	Cream to light yellow			
	Appearance :	Homogeneous Free Flowing powder			
<b>(II)Rehydrated medium</b>					
	pH (post autoclaving/heating) :	7.3 ± 0.2			
	Colour (post autoclaving/heating) :	Cream to light yellow			
	Clarity (post autoclaving/heating) :	Clear slightly opalescent			
<b>(III)Q.C. Test Microbiological</b>					
	Cultural characteristics observed after18 –24 hrs.at 35 – 37°C.				
	MICROORGANISM (ATCC )	GROWTH			
	Staphylococcus aureus ATCC 25923	Luxuriant			
	Staphylococcus epidermidis ATCC 12228	Luxuriant			
	Streptococcus pyogenes ATCC 19615	Luxuriant			
<b>Precautions :</b>	1. For Laboratory Use. 2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.				
<b>Limitations :</b>	This medium is general purpose medium and may not support the growth of fastidious organisms.				
<b>Use :</b>	A highly nutritious general purpose medium recommended for use when 1% sodium chloride is needed in the medium				
<b>Storage :</b>	Dehydrated medium- below 30 ° C Prepared mediums– Between 2 to 8°C.				
<b>Packing :</b>	500 gm. bottle				
<b>Product profile:</b>	Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
<b>B797</b>	45g/l	11.11L	7.3 ± 0.2	NIL	121 <sup>0</sup> 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 BIOMARKLABORATORIES publications.

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