

B740	STANDARD STAPHYLOCOCCUS BROTH					
Formula						
Ingredients :		gms/lit.				
Peptic digest of animal tissue		10.00				
Yeast Extract		5.00				
Sodium chloride		5.00				
Final pH (at 25°C) : 7.0 ± 0.2						
Directions :						
Suspend 20.0 grams in 1000 ml distilled water. Heat if necessary to dissolve completely. Dispense as desired and sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.						
Principle :						
Peptic digest and yeast extract supply essential growth factors such as nitrogen, carbon, sulphur, vitamins and trace nutrients. Sodium chloride maintains the osmotic balance of the medium.						
QC Tests –(I)Dehydrated Medium						
Colour :		yellow				
Appearance :		Homogeneous Free Flowing powder				
(II)Rehydrated medium						
pH (post autoclaving/heating) :		7.0 ± 0.2				
Colour (post autoclaving/heating) :		Light amber				
Clarity (post autoclaving/heating) :		clear solution without any precipitate.				
(III)Q.C. Test Microbiological						
Cultural characteristics observed after 24 - 48 hrs.at 35-37°C.						
MICROORGANISM (ATCC)		GROWTH				
Staphylococcus aureus (19095)		Good-Luxuriant				
Staphylococcus aureus (25923)		Good - Luxuriant				
Staphylococcus epidermidis (12228)		Good-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 used for cultivation of Staphylococci.				
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
B740	20g/l	25.0 L	7.0 ± 0.2	NIL	121°C / 15 minutes	