

TECHNICAL SHEET

CB011	TSB - Tryptone Soya Broth (SCDM)	
Formula		
Ingredients:	gms/lit.	
Pancreatic digest of casein	17.00	
Papaic digest of soyabean meal	3.00	
Sodium chloride	5.00	
Dipotassium phosphate	2.50	
Dextrose	2.50	
Final pH (at 25°C): 7.3 ± 0.2		
Directions:		
Label the ready to use bottle (CB011). Inoculate the blood sample collected from the patient directly in to the bottle, after opening the seal. Insert the air venting device for aerobic culture. Do not insert for anaerobic cultures.		
Principle:		
The combination of pancreatic digest of casein and papaic digest of soyabean meal makes the medium nutritious by providing amino acids and long chain peptides for the growth of microorganisms. Dextrose and dibasic potassium phosphate serve as the carbohydrate source and the buffer, respectively in the medium. Sodium chloride maintains the osmotic balance of the medium.		
(I) QC Tests		
pH:	7.3 ± 0.2	
Color:	Light amber coloured clear solution	
Appearance:	Sterile clear Tryptone Soya Broth in glass bottle.	
(II) Sterility test	Passes release criteria	
(III) Q.C. Test Microbiological		
Cultural characteristics observed after incubation at 35-37°C for 18-24 hours.		
MICROORGANISM (ATCC)	GROWTH	
Streptococcus pyogenes 19615	Good-luxuriant	
Staphylococcus aureus 25923	luxuriant	
Candida albicans ATCC 10231	luxuriant	
Neisseria meningitidis 13090	luxuriant	
Bacillus subtilis ATCC 6633	luxuriant	

Precautions :	1. In Vitro diagnostic use only.
	2. Read the label before opening the container
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:	A qualitative test for detection of microorganisms in blood.
Storage:	Store between 2-8°C. Use before expiry date on the label.
Packing:	20ml/70ml in Glass bottle.

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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