

TECHNICAL SHEET

SB009	Soyabean Casein Digest Agar (Tryptone Soya Agar)		
Formula			
Ingredients:		gms/lit.	
Tryptone		15.00	
Soya peptone		5.00	
Sodium chloride		5.00	
Agar		15.00	
Directions:			
Soyabean Casein Digest Agar is a ready to use solid media in glass bottle. The medium is pre-sterilized; hence it does not need sterilization. Medium in the bottle can be melted either by using a pre-heated water bath or any other method. Slightly loosen the cap before melting. When complete melting of medium is observed dispense the medium as desired and allowed to solidify.			
Principle:			
The combination of tryptone and soya peptone makes this media nutritious by providing amino acids and long chain peptides for the growth of microorganisms. Sodium chloride maintains the osmotic balance.			
(I) QC Tests			
pH:		7.3 ± 0.2	
Color:		Light Yellow coloured medium	
Appearance:		Sterile glass bottle containing slightly opalescent Soyabean Casein Digest Agar.	
(II) Sterility test		Passes release criteria	
(III) Q.C. Test Microbiological			
Cultural characteristics after melting the medium and pouring into sterile petri plates. The plates are inoculated with following test organisms and incubated at 35 -37°C for 18-24 hrs. and for fungi ≤5 days.			
MICROORGANISM (ATCC)	INOCULUM (CFU)	GROWTH	RECOVERY
BACILLUS SUBTILIS 6633 5	50-100	luxuriant	≥70 %
Escherichia coli 25922	50-100	luxuriant	≥70 %
Escherichia coli 8739	50-100	luxuriant	≥70 %
Escherichia coli NCTC 9002	50-100	luxuriant	≥70 %
Staphylococcus aureus 25923	50-100	luxuriant	≥70 %
Staphylococcus aureus 6538	50-100	luxuriant	≥70 %
Pseudomonas aeruginosa 27853	50-100	luxuriant	≥70 %
Pseudomonas aeruginosa 9027	50-100	luxuriant	≥70 %
Salmonella Abony 6017	50-100	luxuriant	≥70 %
Micrococcus luteus 9341	50-100	luxuriant	≥70 %
Streptococcus pneumoniae 6305	50-100	luxuriant	≥70 %
Salmonella Typhimurium 14028	50-100	luxuriant	≥70 %
Candida albicans 10231	50-100	luxuriant	≥70 %
Candida albicans 2091	50-100	luxuriant	≥70 %
Aspergillus brasiliensis 16404	50-100	Good-luxuriant	50-70 %

Refer disclaimer Overleaf

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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 general-purpose medium used for cultivation of wide variety of microorganisms.
Storage:	Store between 15-25°C. Use before expiry date on the label.
Packing:	100ml/500ml of medium in sterile 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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