

TECHNICAL SHEET

TS010	Sterile Swabs w/0.9% Saline & second tube containing SCDM w/BCP	
Directions:		
Using the swab provided along with the Saline containing tube, collect the sample or specimen from surface and insert the capped swab with the sample in second tube containing SCDM w/BCP. Tighten the cap firmly. Observe the results after		
Principle:		
Tryptone and soya peptone provides necessary amino acids and other complex nitrogenous substances. Dextrose serves as an energy source. Sodium chloride maintains the osmotic equilibrium. Dibasic potassium phosphate acts as a buffer to control pH. When tested for the growth of organisms in presence of indicator like bromocresol purple, the color of the medium changes from purple to yellow. With the addition of carbohydrates, it can be also used for the fermentation studies of fastidious and non-fastidious organisms.		
(I) QC Tests		
	pH:	7.3 ± 0.2
	Color:	0.9% Saline : Colourless clear solution , SCDM w/BCP : Light purple to purple clear solution
	Appearance:	Each pack contains two tubes ,Sterile Swabs w/0.9% Saline in one tube & second tube containing Sterile Swabs w/ SCDM w/BCP.
(II) Sterility test		Passes release criteria
(III) Q.C. Test Microbiological		
Viability of following was established for a period of 24 hours. Organisms grew luxuriantly when recovered on Tryptone Soya Agar (B039) and incubates at 35-37°C for 18-24 hours.		
	MICROORGANISM (ATCC)	GROWTH
	Escherichia coli 25922 (00013*)	luxuriant
	Staphylococcus aureus subsp. aureus 25923	luxuriant
	Salmonella Typhimurium 14028 (00031*)	luxuriant
	Salmonella Abony NCTC6017 (00029*)	luxuriant
	Pseudomonas aeruginosa 9027 (00026*)	luxuriant
	Streptococcus pneumoniae 6305	luxuriant
	Staphylococcus aureus subsp. aureus 6538 (00032*)	luxuriant
	Escherichia coli NCTC 9002	luxuriant
	Escherichia coli 8739 (00012*)	luxuriant
	Bacillus subtilis subsp. spizizenii 6633 (00003*)	luxuriant
	# Aspergillus brasiliensis 16404 (00053*)	luxuriant
	Candida albicans 10231 (00054*)	luxuriant
	Candida albicans 2091 (00055*)	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:	Recommended for detection of contamination in areas of environmental monitoring.
Storage:	Store between 5 – 25°C with caps firmly tighten. Use before expiry date on label.
Packing:	5ml of medium in 10/50 tubes with sterile swabs in individual pack.

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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