

TECHNICAL SHEET

PP032	Soyabean Casein Digest Agar Plates (Tryptone Soya Agar Plate w/Lecithin and Polysorbate80)				
Formula					
Ingredients:		gms/lit.			
Casein enzymic hydrolysate		15.00			
Papaic digest of soyabean meal		5.00			
Sodium chloride		5.00			
Lecithin		0.70			
Polysorbate 80 (Tween 80)		5.00			
Agar		15.00			
Final pH (at 25°C): 7.3± 0.2					
Directions:					
Label the ready to use plate (PP032). Either streak, inoculate or surface spread the test inoculum (50-100 CFU) aseptically on the plate.					
Principle:					
Casein enzymic hydrolysate and papaic digest of soyabean meal provide nitrogenous compound and other nutrients essential for microbial replication. Lecithin and polysorbate 80 are neutralizers reported inactivate residual disinfectants from where the sample is collected. Lecithin neutralizes quaternary ammonium compounds and polysorbate 80 neutralizes phenolic disinfectants, hexachlorophene, formalin and with lecithin ethanol.					
(I) QC Tests					
	pH:	7.3 ± 0.2			
	Color:	Light to medium amber coloured medium.			
	Appearance:	Sterile Tryptone Soya Agar Medium w/ Lecithin & Polysorbate Agar in 85mm disposable plates.			
(II) Sterility test		Passes release criteria			
(III) Q.C. Test Microbiological					
Cultural characteristics observed after incubation at 35-37°C for 18-48 hours.					
	MICROORGANISM (ATCC)	INOCULUM (CFU)	GROWTH	RECOVERY	COLOUR OF COLONY
	Escherichia coli 25922	50-100	luxuriant	≥70 %	colorless
	Staphylococcus aureus 25923	50-100	luxuriant	≥70 %	yellow to golden
	Pseudomonas aeruginosa 27853	50-100	luxuriant	≥70 %	Yellow green

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:	For determining efficiency of sanitization of containers, equipment's, surfaces, water miscible cosmetics etc.
Storage:	Store between 15-25°C. Use before expiry date on the label.
Packing:	20/50 disposable plates.

Disclaimer:

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