

B709	SABOURAUD CHLORAMPHENICOL AGAR					
Formula						
Ingredients :			gms/lit.			
Tryptone			5.00			
Peptone			5.00			
Dextrose (Glucose)			40.00			
Chloramphenicol			0.05			
Agar			15.00			
Final pH (at 25°C) : 5.6 ± 0.2						
Directions :						
Suspend 65.05 grams in 1000 ml distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool to 45-50°C. Mix well and pour into sterile Petri plates.						
Principle :						
Sabouraud Dextrose Agar contains Peptone and tryptone which provide the carbon and nitrogen required for growth of a wide variety of organisms. Dextrose is included as an energy source. Agar is incorporated into the agar media as a solidifying agent. Sabouraud Chloramphenicol Agar contains chloramphenicol which inhibits a wide range of Gram positive and Gram negative bacteria making the medium selective for fungi.						
QC Tests – (I) Dehydrated Medium						
Colour :			Cream to light yellow			
Appearance :			Homogeneous Free Flowing powder			
(II) Rehydrated medium						
pH (post autoclaving/heating) :			5.6 ± 0.2			
Colour (post autoclaving/heating) :			Cream to light amber			
Clarity (post autoclaving/heating) :			Clear to slightly opalescent			
(III) Q.C. Test Microbiological						
Cultural characteristics observed after an incubation at 20-25°C for 48-72 hours (Incubate for 7 days for Trichophyton species).						
MICROORGANISM (ATCC)			GROWTH			
Aspergillus niger (16404)			Good-luxuriant			
Candida albicans (10231)			Good-luxuriant			
Trychophyton rubrum (28191)			Good-luxuriant			
Saccharomyces cerevisiae (9763)			Good-luxuriant			
Escherichia coli (25922)			Inhibited			
Escherichia coli (NCTC9002)			Inhibited			
Escherichia coli (8739)			Inhibited			
Lactobacillus casei (9595)			Inhibited			
Precautions :		1. For Laboratory Use.				
		2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.				
		3. TOXIC. May cause cancer. Possible risk of harm to the unborn child. Avoid contact with skin and eyes. Do not breathe dust. Wear suitable protective clothing. Keep container tightly closed. Target organ(s) : Blood, Nerves, Lymph Glands, Eyes.				
Limitations :		1. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.				
		2. Antimicrobial agents incorporated into a medium to inhibit bacteria may also inhibit certain pathogenic fungi.				
		3. Avoid overheating a medium with an acidic pH because this often causes a soft medium.				
Use :		For selective cultivation of yeasts and molds.				
Storage :		Dehydrated medium and prepared medium – Between 2 to 8°C.				
Packing :		500 gm. bottle				
Product profile:		Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
B709	65.05 g/l	7.686 L	5.6 ± 0.2	NIL	121°C / 15 minutes	