

TECHNICAL SHEET

B1814	SABOURAUD CHLORAMPHENICOL AGAR (W/ CHLORAMPHENICOL 0.5 gm)	
Formula		
Ingredients :	gms/lit.	
Tryptone	5.00	
Peptone	5.00	
Dextrose (Glucose)	40.00	
Chloramphenicol	0.5	
Agar	15.00	
Final pH (at 25°C) : 5.6 ± 0.2		
Directions :		
Suspend 65.5 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 :		
The medium is often used with antibiotics such as Chloramphenicol for the isolation of pathogenic fungi from materials containing large numbers of fungi or bacteria. Tryptone and peptone provide nitrogenous and carbonaceous compounds, long chain amino acids, and other essential growth nutrients. Dextrose provides an energy source. Chloramphenicol inhibits a wide range of Gram-positive and Gram-negative bacteria which makes the medium selective for fungi. The low pH favors fungal growth and inhibits contaminating bacteria from clinical specimens.		
Type of specimen Clinical samples - skin scrapings, nail scrapings; Food and dairy samples. .		
Specimen Collection and Handling: For clinical samples follow appropriate techniques for handling specimens as per established guidelines. For food and dairy samples, follow appropriate techniques for sample collection and processing as per guidelines. After use, contaminated materials must be sterilized by autoclaving before discarding.		
Performance and Evaluation Performance of the medium is expected when used as per the direction on the label within the expiry period when stored at recommended temperature.		
QC Tests – (I)Dehydrated Medium		
	Colour :	Cream to yellow
	Appearance :	Homogeneous Free Flowing powder
(II)Rehydrated medium		
	pH (post autoclaving/heating) :	5.6 ± 0.2
	Colour (post autoclaving/heating) :	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 brasiliensis (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 (334)	Inhibited
Warning & Precautions:	1. For Laboratory Use. In Vitro diagnostic Use. For professional use only. Read the label before opening the container. Wear protective gloves/protective clothing/eye protection/ face protection. Follow good microbiological lab practices while handling specimens and culture. Standard precautions as per established guidelines should be followed while handling clinical specimens. Safety guidelines may be referred in individual safety data sheets.	
	2. 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 from clinical and non-clinical samples.	

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Disposal:	User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with clinical sample must be decontaminated and disposed of in accordance with current laboratory techniques.				
Storage :	Dehydrated medium- below 30°C Prepared medium– Between 2 to 8°C.				
Packing :	500 gm. bottle				
Product profile:	Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
B1814	65.5 g/l	7.633 L	5.6 ± 0.2	NIL	121°C / 15 minutes

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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