

TECHNICAL SHEET

SB008	Sabouraud Dextrose Agar	
Formula		
Ingredients:		gms/lit.
Mycological peptone		10.00
Dextrose		40.00
Agar		15.00
Directions:		
Sabouraud Dextrose 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:		
Mycological Peptone provides nitrogenous compounds. Dextrose provides an energy source. High dextrose concentration and low pH favours fungal growth and inhibits contaminating bacteria from test samples. Some pathogenic fungi may produce infective spores which are easily dispersed in air, so examination should be carried out in safety cabinet. For heavily contaminated samples, the plate must be supplemented with inhibitory agents for inhibiting bacterial growth with lower pH.		
(I) QC Tests		
pH:		5.6 ± 0.2
Color:		Light Amber coloured medium.
Appearance:		Sterile glass bottle containing clear to slightly opalescent Sabouraud Dextrose 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 incubation at 25°C for 7 days.		
MICROORGANISM (ATCC)		GROWTH
Candida albicans 10231		luxuriant
Aspergillus niger 16404		luxuriant
Saccharomyces cerevisiae 9763		luxuriant
Trichophyton rubrum 28191		luxuriant

Refer disclaimer Overleaf

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Precautions :	1. In Vitro diagnostic use only. 2. Read the label before opening the container
Limitations :	1.For heavily contaminated samples, the media must be supplemented with inhibitory agents for inhibiting bacterial growth with lower pH. 2.Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.
Use:	For cultivation of yeasts, moulds and aciduric 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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