

TECHNICAL SHEET

SB007	Potato Dextrose Agar	
Formula		
Ingredients:		
		gms/lit.
Potatoes infusion from		200.00
Dextrose		20.00
Agar		15.00
Directions:		
<p>Potato 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.</p>		
Principle:		
<p>Potato infusion and dextrose promote luxuriant fungal growth. Adjusting the pH of the medium by tartaric acid inhibits the bacterial growth. Heating the medium after acidification should be avoided as it may hydrolyze the agar which can render the agar unable to solidify. Potato Dextrose Agar is also used for stimulating sporulation, for maintaining stock cultures of certain dermatophytes and for differentiation of typical varieties of dermatophytes on the basis of pigment production</p>		
(I) QC Tests		
	pH:	5.6 ± 0.2
	Color:	Light Amber coloured medium
	Appearance:	Sterile glass bottle containing slightly opalescent Potato 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 22-25°C for 48-72 hours.	
	MICROORGANISM (ATCC)	GROWTH
	Candida albicans 10231	luxuriant
	Aspergillus niger 16404	luxuriant
	Saccharomyces cerevisiae 9763	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. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.
Use:	For isolation and enumeration of yeasts and moulds from dairy and other food products.
Storage:	Store between 10-25°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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