

**TECHNICAL SHEET**

<b>PP026</b>	<b>Sabouraud Dextrose Agar Plate</b>		
<b>Formula</b>			
<b>Ingredients:</b>		<b>gms/lit.</b>	
Mycological peptone		10.00	
Dextrose		40.00	
Agar		15.00	
Final pH (at 25°C): 5.6 ± 0.2			
<b>Directions:</b>			
Label the ready to use plate (PP026). Either streak, inoculate or surface spread the test inoculum (50-100 CFU) aseptically on the plate.			
<b>Principle:</b>			
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.			
<b>(I) QC Tests</b>			
	pH:	5.6 ± 0.2	
	Color:	Light Amber coloured medium	
	Appearance:	Sterile Sabouraud Dextrose Agar in 85mm disposable plates.	
<b>(II) Sterility test</b>		Passes release criteria	
<b>(III) Q.C. Test Microbiological</b>			
Cultural characteristics observed after incubation at 20-25 °C for 2-3 days. Recovery rate is considered as 100% for fungus growth on Sabouraud Dextrose Agar.			
	MICROORGANISM (ATCC)	Inoculum (CFU)	GROWTH
	Candida albicans 10231	50-100	RECOVERY
	Aspergillus niger 16404	50-100	luxuriant
	Saccharomyces cerevisiae 9763	50-100	>=70 %
	Trichophyton rubrum 28191	50-100	luxuriant
			>=70 %

Refer disclaimer Overleaf

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<b>Precautions :</b>	1. In Vitro diagnostic use only. 2. Read the label before opening the container
<b>Limitations :</b>	1. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.
<b>Use:</b>	Sabouraud Dextrose Agar plate is used for the cultivation of yeasts, moulds and aciduric bacteria.
<b>Storage:</b>	Store between 15-25°C. Use before expiry date on the label.
<b>Packing:</b>	20/50 disposable plates.

**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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