

## Sabouraud Dextrose Agar(SDA)

Product No.	Product Category	Specification
HCM049	Dehydrated Culture Medium	500g/bottle

### Intended Use

For cultivation and isolation of yeasts and molds as well as the absence test for *Candida albicans*.

### Principle and Interpretation

Dextrose as carbon source; Mixture of peptic digest of animal tissue and pancreatic digest of casein provide nitrogen; agar as medium coagulant

### Formulation

Ingredients	/liter
Mixture of peptic digest of animal tissue and pancreatic digest of casein	10.0g
Dextrose	40.0g
Agar	15.0g
pH5.6±0.2 at 25°C	

### Preparation

Suspend 65g in 1L of distilled water, stirring heated to boiling to completely dissolve ,autoclave at 121°C for 15 minutes.

### Quality Control

Cultural characteristics observed after incubation at 30-35°C for 24-48 hours.

Quality control strains	Expected Results	Characteristics
<i>Candida albicans</i> ATCC10231	Good, PR≥0.7	ivory colony
<i>Aspergillus niger</i> ATCC16404		white hyphae, balck spore

### Storage and Shelf Life

2-30°C, Keep container tightly closed, avoid direct sunlight.

Use before expiry date on the label.

### Precautions

1. When weighing the dehydrated medium, please wear masks to avoid causing respiratory system discomfort
2. Keep container tightly closed after using to prevent clumping.

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# Technical Data Sheet



## Waste Disposal

Microbiological contamination was disposed by autoclaving at 121°C for 30 minutes.

## Revision

On June 14, 2024

## References

European Pharmacopoeia 8.0 (2014): 2.6.13. Microbiological examination of non-sterile products. Guidance for Industry (2004): Sterile Drug Products Produced by Aseptic Processing -Current Good Manufacturing Practice. ISO 11133:2014: Microbiology of food and animal feed and water – Preparation, production, storage and performance testing of culture media.

United States Pharmacopoeia 38 NF 31 (2015): <61> Microbiological examination of non-sterile products: Microbial Enumeration tests.

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