

## SABOURAUD MALTOSE AGAR

Medium for pathogenic and saprophytic fungi isolation.

### TYPICAL FORMULA (g/l)

Peptospecial	10.0
Maltose	40.0
Agar	15.0

Final pH = 5.6 ± 0.2 at 25 °C.

### DIRECTIONS

Suspend 65.0 g of powder in 1 liter of distilled or deionized water. Heat until completely dissolved. Sterilize in the autoclave at 121 °C for 15 minutes. Avoid overheating. Cool to 45-50 °C. Dispense in petri dishes.

### DESCRIPTION

SABOURAUD MALTOSE AGAR is a medium used for the isolation, identification and maintenance of pathogenic fungi and saprophytes. The acid pH (5,6) partially inhibits growth of bacteria except the acidophiles.

### TECHNIQUE

Spread the material to examine over the entire surface using a sterile bent glass rod. Incubate plates at 30 ± 2 °C for 18-48 hours or up to 7 days if necessary.

### QUALITY CONTROL

#### Dehydrated medium

Appearance: free-flowing, homogeneous.

Color: off-white.

#### Prepared medium

Appearance: clear to very slightly opalescent without precipitate.

Color: light amber.

Incubation conditions: 30 ± 2 °C for 18-48 hours.

Microorganism	ATCC	Growth
<i>Aspergillus niger</i>	1015	good
<i>Candida albicans</i>	10231	good
<i>Saccharomyces cerevisiae</i>	9763	good

### STORAGE


The powder is very hygroscopic: store the powder at 10-30 °C, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration or contamination are evident.

Store prepared plates at 2-8 °C.







### REFERENCES

1. APHA (1963). Diagnostic procedures and reagents.
2. Association of Official Analytical Chemists. (1995). Bacteriological analytical manual , 8<sup>th</sup> ed. AOAC International, Gaithersburg, MD.
3. U.S. Pharmacopoeia 24, NF 19 (2000).

### PRESENTATION

Product	REF	
SABOURAUD MALTOSE AGAR (7.6 l)	610146	500 g
SABOURAUD MALTOSE AGAR (1.5 l)	620146	100 g

### TABLE OF SYMBOLS

 Keep away from heat source	 Temperature limitation	 Manufacturer	 Contains sufficient for <n> tests
<b>REF</b> Catalogue number	<b>LOT</b> Batch code	 Use by	 Caution, consult accompanying documents



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