

# PRODUCT INFORMATION



## Sabouraud Dextrose Agar with Lecithin & Tween 80

Cat.No. S19-101

Date of Issue:  
8/6/19

### DESCRIPTION

Sabouraud Dextrose Agar with Lecithin & Tween 80 is an agar medium recommended for the isolation, cultivation and identification of non-pathogenic and pathogenic fungi. The addition of lecithin is used to neutralize quaternary ammonium compounds. Tween 80 inactivates phenolic disinfectants, hexachlorophene, and formalin.

### PREPARATION

Mix 71.0 grams of the medium in one Liter of purified water until evenly dispersed. Heat with repeated stirring until boiling to dissolve completely. Distribute and autoclave at 121.0°C for 15 minutes.

### QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, lumpy and light beige.
2. Visually the prepared medium is trace to slightly hazy and light amber in color.
3. Expected cultural response after 2 to 7 days at 25-30°C.

#### Organism:

*Aspergillus brasiliensis* ATCC® 16404  
*Candida albicans* ATCC® 10231  
*Microsporum audouinii* ATCC® 42558  
*Microsporum canis* ATCC® 36299  
*Nocardia farcinica* ATCC® 3308  
*Penicillium roquefortii* ATCC® 10110  
*Trichophyton mentagrophytes* ATCC® 9533

#### Result:

Growth  
Growth  
Growth  
Growth  
Growth  
Growth  
Growth

#### Formula\* per Liter:

Enzymatic Digest of Casein .....	5.0g
Meat Peptone .....	5.0g
Tween 80 .....	5.0g
Dextrose.....	40.0g
Lecithin.....	0.7g
Agar .....	15.0g

Final pH: 5.6 ± 0.2 at 25°C

\* Grams per liter may be adjusted or formula supplemented to obtain desired performance.

### STORAGE

Store the sealed bottle containing the dehydrated medium at 2 to 8°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing or if the color has changed from the original color.