

# PRODUCT INFORMATION



## Soy Peptone Yeast Extract Agar

Cat. No. S19-112

Date of Issue:  
01/01/19

### DESCRIPTION

Soy Peptone Yeast Extract Agar is a modification of Sabouraud Medium and was formulated by Carmichael and Claus 1, 2 to selectively isolate *Trichophyton verrucosum*, a fungus associated with ringworm infections. Soy Peptone Yeast Extract Agar contains streptomycin and chloramphenicol, which inhibits bacteria but allows the detection of fungal pathogens.

### PREPARATION

Mix 72.0 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.

#### Formula\* per Liter:

Soy Peptone .....	10.0g
Yeast Extract .....	5.0g
Chloramphenicol .....	0.05g
Dextrose .....	40.0g
Streptomycin .....	0.03g
Agar .....	17.0g

**Final pH:** 6.6 ± 0.2 at 25°C

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

### QUALITY CONTROL SPECIFICATIONS

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

#### Organism:

*Candida albicans* ATCC® 10231  
*Trichophyton mentagrophytes* ATCC® 9533  
*Escherichia coli* ATCC® 25922  
*Aspergillus brasiliensis* ATCC® 16404  
*Penicillium roquefortii* ATCC® 10110

#### Result:

Growth  
Growth  
Inhibited  
Growth  
Growth

### STORAGE

Store the sealed bottle containing the dehydrated medium at 2 to 30°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.