



# PRODUCT INFORMATION

## Potato Dextrose Agar w/ Chloramphenicol

### Cat. No. P16-139

Date of Issue:  
10/9/19

#### DESCRIPTION

Potato Dextrose Agar with Chloramphenicol is used for the selective isolation of fungi.

#### PREPARATION

Mix 39 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°C for 15 minutes.

#### Formula\* per Liter:

Potato Infusion .....4.0g  
Dextrose ..... 20.0g  
Agar ..... 15.0g  
Chloramphenicol.....0.1g

Final pH: 5.6 ± 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 trace to slight haze and pale yellowish white.
3. Expected cultural response after incubation at 25 - 30°C for 2 to 7 days.

Microorganisms:	Results
<i>Aspergillus brasiliensis</i> ATCC 16404	Growth
<i>Candida albicans</i> ATCC 10231	Growth
<i>Penicillium roquefortii</i> ATCC 10110	Growth
<i>Trichophyton mentagrophytes</i> ATCC 9533	Growth
<i>Escherichia coli</i> ATCC 25922	Inhibited

#### 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.