

PRODUCT INFORMATION



Potato Dextrose Agar w/ Chloramphenicol Cat. No. P16-139

Date of Issue:
10/01/17

DESCRIPTION

Potato Dextrose Agar with Chloramphenicol is used for the detection and enumeration of yeasts and molds.

PREPARATION

Mix 39 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring and boil for one minute to dissolve completely. Distribute and autoclave at 121.0°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 2-5 days at 25°C.

Organism:

Aspergillus niger ATCC® 16404
Candida albicans ATCC® 10231
Microsporium audouinii ATCC® 42558
Microsporium canis ATCC® 36299
Penicillium roquefortii ATCC® 10110
Saccharomyces cerevisiae ATCC® 9763
Trichophyton mentagrophytes ATCC® 9533

Result:

Growth
Growth
Growth
Growth
Growth
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.