

PRODUCT INFORMATION

Potato Dextrose Agar w/ Chloramphenicol

Cat. No. P16-139

DESCRIPTION

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

FORMULA (g/L)

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

Final pH: 5.6 ± 0.2 at 25 °C

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

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°C for 15 minutes.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogenous, 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 – 7 days at 25 - 30 °C.

ORGANISM	RESULT
<i>Aspergillus brasiliensis</i> ATCC 16404	Good Growth
<i>Candida albicans</i> ATCC 10231	Good Growth
<i>Penicillium roqueforti</i> ATCC 10110	Good Growth
<i>Trichophyton mentagrophytes</i> ATCC 9533	Good 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.

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