

PRODUCT INFORMATION

Malt Extract Agar

Cat. No. M13-113

DESCRIPTION

Malt Extract Agar is used for the cultivation and maintenance of fungi, particularly yeast and mold.

FORMULA (g/L)

Maltose	12.75 g	Pancreatic Digest of Gelatin	0.78 g
Dextrin	2.75 g	Agar	15.0 g
Glycerol	2.35 g		

Final pH: 4.7± 0.2 at 25 °C

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

PREPARATION

Mix 33.6 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring and boil to dissolve completely. Distribute and autoclave at 118°C for 15 minutes. DO NOT OVERHEAT.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogenous, free flowing and light beige.
2. Visually the prepared medium is hazy, light amber and opaque.
3. Expected cultural response after 18-24 hours at 35 °C.

ORGANISM	RESULT
<i>Aspergillus brasiliensis</i> ATCC 16404	Good Growth
<i>Candida albicans</i> ATCC 10231	Good Growth
<i>Microsporum audouinii</i> ATCC 42558	Good Growth
<i>Microsporum canis</i> ATCC 36299	Good Growth



<i>Penicillium roquefortii</i> ATCC 10110	Good Growth
<i>Saccharomyces cerevisiae</i> ATCC 9763	Good Growth
<i>Trichophyton mentagrophytes</i> ATCC 9533	Good 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.