

PRODUCT INFORMATION



Malt Extract Agar

Cat. No. M13-113

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DESCRIPTION

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

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 to 121°C for 15 minutes. DO NOT OVERHEAT.

Formula* per Liter:

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

Final pH: 4.7 ± 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 hazy, light amber, opaque and brown.
3. Expected cultural response after 18-24 hours at 35°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.