

PRODUCT INFORMATION

Your Smarter Culture Media Choice



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Malt Extract Agar

Cat. No. M13-113

DESCRIPTION

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

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.

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.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous with soft lumps, free flowing and light beige.
2. Visually the prepared medium is trace to moderate haze and off white to pale yellow.
3. Expected cultural response after 40-72 hours at 25-30°C.

Organism:

Aspergillus niger ATCC® 16404
Candida albicans ATCC® 10231
Microsporum audouinii ATCC® 42558
Microsporum 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.