

MM0164

Malt Extract Agar

Use and description:

A medium for the detection, isolation and enumeration yeasts and moulds. The addition of lactic acid suppresses bacterial growth.

Composition per liter:

Malt extract.....29.0 g
Peptone.....5.0 g
Agar.....15.0 g

Final pH of the ready to use medium: 5.4 ± 0.2

Medium preparation:

Add 49.0 grams of dehydrated culture medium to 1 liter of distilled water, allow to soak for 10 minutes, swirl to mix then sterilise for 10 min at 115°C. Do not overheat because the agar will not harden. Pour into sterile Petri dishes or distribute into sterile tubes.

Quality specifications:

Dehydrated medium: homogeneous, light beige fine powder.

Ready to use medium: very slightly opalescent, amber colored agar.

Microbiological response:

Organism	Result
<i>Candida albicans</i> ATCC 10231	Good growth
<i>Aspergillus niger</i> ATCC 16404	Good growth

Storage:

Dehydrated medium should be stored between 10 to 25°C. Once opened, place the container in a dark, dry place. The dehydrated medium should not be used if there is any lump or the color has changed from the original.