

MUELLER-HINTON AGAR, FUNGI

A standard medium for antimycotical susceptibility testing. The addition of methylene blue enhances zone edge definition.

Dehydrated media	
Code number:	500 g: MHF20500, 5 kg: MHF25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,2 – 7,6

Direction: Suspend **58 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 115 °C for 15 minutes.

Warning!

The medium is heat sensitive.
No further sterilisation is necessary or desirable.

Prepared media	
Bottled media:	100 ml: MHF30100, 500 ml: MHF30500
Plated media:	55 mm: MHF50055, 90 mm: MHF50090
Colour:	Bluish
pH (25 °C):	7,3 – 7,5

Direction: Dispense the melted bottled media aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

FORMULA in g/l

Peptones	19,5000
Glucose	20,0000
Starch soluble	1,5000
Methylene blue	0,0005
Agar	17,0000

Note: The typical formula can be adjusted to obtain optimal performance.

Storage conditions: Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled media protected from light at room temperature. Store the plated media protected from light at 2-8 °C. Use before the expiry date on the label.

Quality control:

Test strains	Incubation temp: 25 °C	Growth	Incubation time: 48 h
<i>Candida albicans</i>	ATCC 10231	Good	

References: Mueller and Hinton (1941) Proc. Soc. Exp. Biol. Med. 48: 330.

In vitro diagnostic – for professional use only!