

MALT EXTRACT BROTH

A selective medium for the cultivation of yeasts and moulds.

Dehydrated media	
Code number:	500 g: MBR20500, 5 kg: MBR25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	5,2 – 5,6

Direction: Suspend **20 g** in one litre of distilled water and heat gently to dissolve the medium completely. If adjustment of pH is necessary to pH 3,5, cool to 50 °C and add aseptically **Lactic Acid Solution (LAS80100)** to the medium in the necessary quantity. Dispense into final containers and sterilise by autoclaving at 115 °C for 10 minutes.

Warning!

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

Prepared media	
Bottled media:	100 ml: MBR30100, 500 ml: MBR30500
Tubed media:	150 x 15 mm: MBR40010 (10 ml)
Colour:	Yellowish
pH (25 °C):	5,3 – 5,5

Direction: If adjustment of pH is necessary, complete according to the direction of the dehydrated media and dispense aseptically into sterile final containers. Media in tubes are ready to use.

FORMULA in g/l

Peptones	5
Malt extract	15

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 and tubed media protected from light at room temperature. 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	
<i>Bacillus cereus</i> (if pH=3,5)	ATCC 11778	Inhibited	

References: Galloway and Burgess (1952) Applied Mycology and Bacteriology, 3rd ed.

In vitro diagnostic – for professional use only!