

MEAT EXTRACT BROTH

A general purpose medium for the cultivation of micro-organisms.



Dehydrated media	
Code number:	500 g: MEX20500, 5 kg: MEX25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,8 - 7,2

Direction: Suspend **8 g** in one litre of distilled water and heat gently to dissolve the medium completely. Dispense into final containers and sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
Bottled media:	100 ml: MEX30100, 500 ml: MEX30500
Tubed media:	150 x 15 mm: MEX40010 (10 ml)
Colour:	Yellowish
pH (25 °C):	6,9 - 7,1

Direction: Dispense the bottled media aseptically into sterile final containers. Media in tubes are ready to use.

FORMULA in g/l

Peptones	5
Beef extract	3

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: 37 °C	Growth	Incubation time: 24 h
<i>Escherichia coli</i>	ATCC 25922	Good	
<i>Staphylococcus aureus</i>	ATCC 29213	Good	

References: APHA (1980) Standard Methods for the Examination of Water and Wastewater. 15th ed.

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