

DEXTROSE BROTH

A general-purpose enrichment medium that is also suitable for dextrose fermentation studies.

Dehydrated media	
Code number:	500 g: DEB20500, 5 kg: DEB25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,1 – 7,5

Direction: Suspend **20 g** in one litre of distilled water and heat gently to dissolve the medium completely. Dispense into final containers. Durham tubes may be added to the tubes in order to detect gas production. Sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
Bottled media:	100 ml: DEB30100, 500 ml: DEB30500
Tubed media:	100 x 12 mm: DEB40001 (1 ml) 100 x 15 mm: DEB40005 (5 ml)
Colour:	Yellowish
pH (25 °C):	7,2 – 7,4

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

FORMULA in g/l

Peptones	10
Glucose	5
Sodium chloride	5

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 (gas production)	
<i>Staphylococcus aureus</i>	ATCC 29213	Good (without gas production)	

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