

BRAIN HEART INFUSION BROTH

A highly nutritious medium for the cultivation of fastidious micro-organisms according to ISO 6888.

Dehydrated media	
Code number:	500 g: BHI20500, 5 kg: BHI25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,2 – 7,6

Direction: Suspend **37 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: BHI30100, 500 ml: BHI30500
Tubed media:	150 x 15 mm: BHI40010 (10 ml)
Colour:	Yellowish
pH (25 °C):	7,3 – 7,5

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

FORMULA in g/l

Meat peptone	10,0
Calf brain extract	12,5
Bovine hearth extract	5,0
Glucose	2,0
Sodium chloride	5,0
Sodium phosphate, dibasic, anhydrous	2,5

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>Streptococcus pneumoniae</i> ATCC 49619		Good	

References: Rosenow (1919) J. Dental Research 205.
ISO 6888-1:2008, ISO 6888-3:2007

In vitro diagnostic – for professional use only!