

## BRAIN HEART INFUSION BROTH

A highly nutritious medium for the cultivation of fastidious micro-organisms.

<b>Dehydrated media</b>	
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.

<b>Prepared media</b>	
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

Nutrient substrate brain + heart infusion, peptones	27,5
Glucose	2,0
Sodium chloride	5,0
Buffers	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.

**In vitro diagnostic – for professional use only!**