

Brain Heart Infusion Broth (BHI Broth, Brain Heart Glucose Broth)

TN 1216 500 g



Intended use

For use in the cultivation of various fastidious micro-organisms (according to § 64 German Food and Feed Code).

Form

Powder

Colour

Bright beige

Storage

Dry, tightly closed, at 10...25 °C.

Shelf life

3 years

Typical composition

Component	g/l
Brain heart extract	17.5
Peptone	10
Glucose	2
Sodium chloride	5
Disodium hydrogen phosphate	2.5

Directions

Dissolve 37 g in 1 litre distilled water, mix well and distribute into containers for final use. Autoclave for 15 minutes at 121 °C.

Final pH at 25 °C

7.4 ± 0.2

Microbiological quality control

Incubate Brain Heart Infusion Broth (BHI) (Brain Heart Glucose Broth) for 18-24 hours at 36 ± 1 °C.

Test strain	No.	Incubation	Growth
<i>Streptococcus pyogenes</i>	clinical isolate	aerobically	good
<i>Streptococcus pyogenes</i>	ATCC 12344	aerobically	good
<i>Staphylococcus aureus</i>	ATCC 25923	aerobically	good
<i>Erysipelothrix rhusiopathiae</i>	clinical isolate	aerobically	good
<i>Corynebacterium diphtheriae</i>	clinical isolate	aerobically	good
<i>Lactobacillus plantarum</i>	clinical isolate	aerobically	good
<i>Clostridium sporogenes</i>	ATCC 19404	anaerobically	good