

Brain Heart Infusion Broth

BC2049

A general purpose medium for nutritionally demanding bacteria. Frequently used as a blood culture medium or enrichment broth. Organisms that produce acid quickly may produce a significant pH change and auto sterilise.

Formula grams per litre

Brain heart infusion solids	3.5
Casein digest	10.0
Peptone mixture	12.0
Yeast extract	2.0
Dextrose	2.0
Sodium chloride	5.0

pH 7.3 +/- 0.2

Preparation

Suspend 34.5 grams of powder in 1 litre of deionised water.

Allow to soak for 10 minutes, swirl to mix well, gently heat to dissolve the powder if necessary, then dispense into containers.

Autoclave at 121°C for 15 minutes.

Appearance: Pale straw coloured, clear liquid.

Storage of Prepared Medium

Usable for up to 3 months if stored in air-tight containers in the dark at room temperature.

Quality Control Organisms - Suggestions

<i>S. aureus</i>	ATCC 25923	
<i>E. coli</i>	NCTC 25922	

References

Rosenow. E.C. 1919. Studies on selective localisation; focal infection with special reference to oral sepsis. J. Dent. Res. 1:205-267.