

Product Specification Sheet

Brain Heart Infusion Broth

Intended Usage: A highly nutritious infusion medium recommended for the cultivation of streptococci, pneumococci, meningococci and other fastidious organisms.

For professional use only.

TV5090E	
Version: 07	Revision Date: 25 May 2020

Thermo Scientific™ Brain Heart Infusion Broth

Form of Product	Poured tube
Storage	2 – 25°C, dark
Filling weight	9.5 – 10.5 g
Packaging	50 tubes in a box
pH	7.4 ± 0.2
Appearance	Daffodil yellow, transparent
Shelf life	14 weeks
Intended Usage	A highly nutritious infusion medium recommended for the cultivation of streptococci, pneumococci, meningococci and other fastidious organisms. For professional use only.
Technique	Depends on the different methods. For information see Specification Sheet for Thermo Scientific™ Oxoid™ CM1135.

Typical formulation*	g/l
Brain infusion solids	12.5
Beef heart infusion solids	5.0
Proteose peptone	10.0
Glucose	2.0
Sodium chloride	5.0
Disodium phosphate	2.5

*Adjusted as required to meet performance standards.

Quality Control

1. Control for general characteristics, labelling and printing.
2. Contamination check
 ≥ 72 h @ 20 – 25 °C, aerobic
 ≥ 72 h @ 30 – 35 °C, aerobic
3. Microbiological control

Positive Controls	Growth
Inoculum 10 – 100 colony forming units (cfu), quantitative, control medium TSA, exception <i>Streptococcus pneumoniae</i> COL+SB Incubation conditions: 18 – 24 h @ 36 ± 1°C, aerobic	
<i>Staphylococcus aureus</i> ATCC® 25923™ <small>(WDCM 00034)</small>	Turbid growth.
<i>Streptococcus pyogenes</i> ATCC® 19615™	Turbid growth.
<i>Streptococcus pneumoniae</i> ATCC® 6305™	Turbid growth.
<i>Salmonella</i> Enteritidis ATCC® 13076™ <small>(WDCM 00030)</small>	Turbid growth.

Tested in accordance with ISO 11133.

The formulation of this medium conforms to ISO 6888-1.

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