



## TECHNICAL DATA SHEET

**DESCRIPTION** BRAIN HEART INFUSION BROTH, BOTTLED  
**SGL PRODUCT CODE** 0596

A medium used for the cultivation of various fastidious bacteria and for the cultivation of staphylococci for the coagulase test.

The product complies with ISO 6888

### FORMULATION

Typical product composition\*:

COMPONENT	WEIGHT / VOLUME
Brain heart infusion solids (porcine)	17.5 g
Enzymatic digest of animal tissue	10.0 g
Glucose	2.0 g
Sodium chloride	5.0 g
Disodium hydrogen phosphate	2.5 g
Purified water	1000 ml

\*Product may be adjusted and/or supplemented to meet performance criteria

### QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Pale brown transparent liquid
pH at 20-25°C	7.4 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 22-25°C for 5 days	No growth detected
Incubation at 35-37°C for 5 days	No growth detected
Incubation at 42-45°C for 5 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Candida albicans</i> ATCC 10231 NCPF 3179 NMT 100 CFU inoculum	Good growth at 35-37°C incubation after not more than 2 days
<i>Escherichia coli</i> ATCC 8739 NCIB 8545 NCTC 12923 NMT 100 CFU inoculum	Good growth at 35-37°C incubation after not more than 1 day
<i>Staphylococcus aureus</i> ATCC 6538 NCTC 10788 NMT 100 CFU inoculum	Good growth at 35-37°C incubation after not more than 1 day
<i>Streptococcus pyogenes</i> ATCC 12344 NCTC 8198 NMT 100 CFU inoculum	Good growth at 35-37°C incubation after not more than 1 day
<i>Streptococcus pneumoniae</i> ATCC 6301 NMT 100 CFU inoculum	Good growth at 35-37°C incubation after not more than 1 day

NMT = Not more than

NLT = Not less than

CFU = Colony forming units

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Additional specification testing may be performed as requested by the customer.

Manufactured in compliance with ISO 9001 (Ref No FM37824) and tested in accordance with ISO 11133 by a UKAS (ISO 17025) accredited laboratory (Ref No. 4356).