



TECHNICAL DATA SHEET

DESCRIPTION BRAIN HEART INFUSION AGAR, 90MM PLATES
SGL PRODUCT CODE 7654

A medium used for the cultivation of a wide variety of fastidious organisms such as Streptococci and Neisseria.

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
Agar	15.0 g
Purified water	1000 ml

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

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Clear, pale straw or light brown coloured gel
pH at 20-25°C	7.4 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 20-25°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 2091 NCPF 3255 NMT 100 CFU inoculum	>50% CFU recovery compared to control at 35-37°C incubation after not more than 2 days
<i>Staphylococcus aureus</i> ATCC 6538P NCTC 7447 NMT 100 CFU inoculum	>50% CFU recovery compared to control at 35-37°C incubation after not more than 1 day
<i>Streptococcus pyogenes</i> ATCC 12344 NCTC 8198 NMT 100 CFU inoculum	>50% CFU recovery compared to control at 35-37°C incubation after not more than 1 day

NMT = Not more than

NLT = Not less than

CFU = Colony forming units

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).

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