



TECHNICAL DATA SHEET

DESCRIPTION BLOOD AGAR BASE + 5% SHEEP BLOOD, 90MM PLATES
SGL PRODUCT CODE 7562B

A non-selective general purpose medium used for the growth of pathogenic and non-pathogenic bacteria. The medium is enriched with sheep blood, making it suitable for the determination of haemolytic reactions of streptococci, staphylococci and other organisms.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Enzymatic digest of animal tissue & casein	10.0 g
Beef extract	10.0 g
Sodium chloride	5.0 g
Sterile defibrinated sheep blood	50.0 ml
Agar	12.0 g
Purified water	1000 ml

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

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Blood red coloured opaque gel
pH at 20-25°C	7.3 ± 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>Bacillus subtilis</i> ATCC 6633 NCTC 10400 NMT 100 CFU inoculum	>50% CFU recovery compared to control at 35-37°C incubation after not more than 1 day
<i>Candida albicans</i> ATCC 10231 NMT 100 CFU inoculum	>50% CFU recovery compared to control at 35-37°C incubation after not more than 2 days
<i>Clostridium sporogenes</i> ATCC 19404 NCTC 532 NMT 100 CFU inoculum	>50% CFU recovery compared to control at 35-37°C incubation after not more than 1 day
<i>Staphylococcus aureus</i> ATCC 6538 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).