



## TECHNICAL DATA SHEET

**DESCRIPTION** BLOOD AGAR BASE WITH 5% DEFIB HORSE BLOOD, 90MM PLATES

**SGL PRODUCT CODE** 7562

A non-selective general purpose medium used for the growth of pathogenic and non-pathogenic bacteria. The medium is enriched with horse 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 horse 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.

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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).