



## TECHNICAL DATA SHEET

**DESCRIPTION** TRYPTONE SOYA AGAR + 5% SHEEP BLOOD, 90MM PLATES  
**SGL PRODUCT CODE** 8084SB

A medium also known as casein soya bean digest agar and enriched with defibrinated sheep blood designed to recover a wide range of micro-organisms. Used to detect haemolytic reactions.

### FORMULATION

Typical product composition\*:

COMPONENT	WEIGHT / VOLUME
Pancreatic digest of casein	15.0 g
Papaic digest of soya bean	5.0 g
Sodium chloride	5.0 g
Agar	15.0 g
Purified water	1000 ml
Sheep blood	50 ml

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

### QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Opaque, blood red coloured 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>Staphylococcus aureus</i> ATCC 6538	Good growth detected at 35-37°C incubation after 18-24 hours
<i>Escherichia coli</i> ATCC 8739 NCIB 8545	Good growth detected at 35-37°C incubation after 18-24 hours
<i>Streptococcus pneumoniae</i> ATCC 6301	Good growth with alpha haemolysis detected at 35-37°C incubation after 18-24 hours
<i>Streptococcus pyogenes</i> ATCC 12344 NCTC 8198	Good growth with beta haemolysis detected at 35-37°C incubation after 18-24 hours

NMT = Not more than

NLT = Not less than

CFU = Colony forming units

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