



TECHNICAL DATA SHEET

DESCRIPTION STREPTOCOCCAL SELECTIVE AGAR (C.O.B.A), 90MM PLATES
SGL PRODUCT CODE 8083

A selective medium (also known as Colistin-Oxolinic Acid-Blood Agar) used for the isolation of streptococci from specimens containing mixed flora.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Pancreatic digest of casein	10.0 g
Meat peptic digest	5.0 g
Heart pancreatic digest	3.0 g
Yeast extract	5.0 g
Starch	1.0 g
Sodium chloride	5.0 g
Sterile defibrinated horse blood	50.0 ml
Colistin sulphate	0.01 g
Oxolinic acid	0.005 g
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	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>Streptococcus pyogenes</i> ATCC 12344 NCTC 8198	Good growth compared to control, with haemolysis at 35-37°C incubation after not more than 1 day
<i>Staphylococcus aureus</i> ATCC 6538 NCTC 10788	Inhibited 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).