



TECHNICAL DATA SHEET

DESCRIPTION FASTIDIOUS ANAEROBE AGAR, 90MM PLATES
SGL PRODUCT CODE 7558

An enrichment medium designed for the optimum growth and recovery of fastidious anaerobes.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Peptone mix	23.0 g
Sodium chloride	5.0 g
Soluble starch	1.0 g
Agar	12.0 g
Sodium bicarbonate	0.4 g
Glucose	1.0 g
Sodium pyruvate	1.0 g
Cysteine hydrochloride monohydrate	0.5 g
Hemin	0.01 g
Vitamin K	0.001 g
L-Arginine	1.0 g
Soluble pyrophosphate	0.25 g
Sodium succinate	0.5 g
Defibrinated horse blood	60 ml
Purified water	1000 ml

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

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Dark red coloured gel
pH at 20-25°C	7.2 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 22-25°C for a minimum of 5 days	No growth detected
Incubation at 35-37°C for a minimum of 5 days	No growth detected
Incubation at 42-45°C for a minimum of 5 days	No growth detected



GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Bacteroides vulgatus</i> ATCC 8482 NCTC 11154	Good growth detected at 35-37°C anaerobic incubation after 18-24 hours
<i>Clostridium perfringens</i> ATCC 13124 NCTC 8237 WDCM00007	Good growth detected at 35-37°C anaerobic 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.

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).