



TECHNICAL DATA SHEET

DESCRIPTION FASTIDIOUS ANAEROBE BROTH, BOTTLED
SGL PRODUCT CODE 0585

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

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Peptic digest of animal tissue	15.0g
Yeast extract	10.0g
Sodium thioglycollate	0.05g
Sodium chloride	2.5g
Agar	0.75g
L-Cysteine HCl	0.5g
Resazurin	0.001g
Sodium bicarbonate	0.5g
Hemin	0.005g
Vitamin K	0.0005g
Purified water	1000 ml

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

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Clear, pale straw coloured gel
pH at 20-25°C	7.3 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 22-25°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>Bacteroides vulgatus</i> ATCC 8482 NCTC 11154 NMT 100 CFU inoculum	Evidence of growth at 35-37°C incubation after not more than 1 day
<i>Clostridium perfringens</i> ATCC 13124 NCTC 8237 NMT 100 CFU inoculum	Evidence of growth at 35-37°C incubation after not more than 1 day
<i>Escherichia coli</i> ATCC 8739 NCIB 8545 NCTC 12923 NMT 100 CFU inoculum	Evidence of growth at 35-37°C incubation after not more than 1 day
<i>Staphylococcus aureus</i> ATCC 6538 NCTC 10788 NMT 100 CFU inoculum	Evidence of growth at 35-37°C incubation after not more than 1 day



GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Streptococcus pyogenes</i> ATCC 12344 NCTC 8198 NMT 100 CFU inoculum	Evidence of growth at 35-37°C incubation after not more than 1 day
<i>Streptococcus pneumoniae</i> ATCC 6301 NMT 100 CFU inoculum	Evidence of growth 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).