



TECHNICAL DATA SHEET

DESCRIPTION WILKINS CHALGREN AGAR + 5% DEFIBRINATED HORSE BLOOD, 90MM PLATES
SGL PRODUCT CODE 7155

A medium for the general growth of anaerobes, recommended for antimicrobial susceptibility testing. The addition of blood improves the growth of some Porphyromonas and Peptostreptococcus species.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Enzymatic digest of casein	10.0 g
Enzymatic digest of gelatin	10.0 g
Yeast extract	5.0 g
Glucose	1.0 g
Sodium chloride	5.0 g
L-arginine	1.0 g
Sodium pyruvate	1.0 g
Menadione	0.0005 g
Haemin	0.005 g
Sterile defibrinated horse blood	50 ml
Agar	10.0 g
Purified water	1000 ml

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

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Clear, red coloured gel
pH at 20-25°C	7.1 ± 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>Bacteroides vulgatus</i> ATCC 8482 NCTC 11154	Good growth compared to control at 35-37°C anaerobic incubation after not more than 2 days
<i>Clostridium perfringens</i> ATCC 13124 NCTC 8237	Good growth compared to control at 35-37°C anaerobic incubation after not more than 2 days

NMT = Not more than

NLT = Not less than

CFU = Colony forming units

ISSUE 01
12 NOVEMBER 2021



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).