TECHNICAL DATA SHEET

DESCRIPTION SABOURAUD DEXTROSE AGAR + CHLORAMPHENICOL, CONTACT PLATES

SGL PRODUCT CODE 8313

Sabouraud dextrose agar (SDA) is a medium designed for the determination of the total count of yeasts and moulds.

The SDA formulation is based on the European Pharmacopoeia (EP) 2.6.12, United States Pharmacopeia (USP) <61> and ISO 11133. The addition of chloramphenicol suppresses bacterial growth of heavily contaminated samples

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Dextrose	40.0g
Peptic digest of animal tissue	5.0g
Pancreatic digest of casein	5.0 g
Chloramphenicol	0.05 g
Agar	15.0g
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	5.6 ± 0.4

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 20-25°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
Candida albicans ATCC 2091 NCPF 3255 WDCM 00055	Good growth compared to control at 35-37°C incubation after not more than 48 hours
Escherichia coli ATCC 8739 NCTC 12923 NCIMB 8545 WDCM00012	Inhibition compared to control at 35-37°C incubation after not more than 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).

ISSUE 02
01 JUNE 2022