SGL

TECHNICAL DATA SHEET

DESCRIPTION   SABOURAUD DEXTROSE AGAR, BOTTLED
SGL PRODUCT CODE 0536

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

The medium complies with the European Pharmacopoeia (EP) 2.6.12, United States Pharmacopeia (USP) <61> and ISO 11133.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Dextrose	40.0g
Peptic digest of animal tissue	5.0g
Pancreatic digest of casein	5.0 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	Pale beige to golden yellow translucent gel
pH at 20-25°C	5.6 ± 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
Aspergillus brasiliensis ATCC16404 NCPF 2275 NMT 100 CFU inoculum	≥70% CFU recovery compared to control at 20-25°C incubation after not more than 5 days
Saccharomyces cerevisiae ATCC 9763 NMT 100 CFU inoculum	≥70% CFU recovery compared to control at 20-25°C incubation after not more than 5 days
Candida albicans ATCC 2091 NCPF 3255	Growth comparable to control at 20-25°C incubation after not more than 5 days
Candida albicans ATCC 10231 NCPF 3179	Growth comparable to control at 20-25°C incubation after not more than 5 days
Escherichia coli ATCC 8739 NCIB 8545 NCTC 12923	May show inhibition compared to control at 20-25°C incubation after not more than 5 days

NMT = Not more than
NLT = Not less than
CFU = Colony forming units

ISSUE 01
24 JANUARY 2020

SGL

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 01
24 JANUARY 2020