



TECHNICAL DATA SHEET

DESCRIPTION SABOURAUD DEXTROSE AGAR, BOTTLED

SGL PRODUCT CODE 3222

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

The SDA formulation is based on the European Pharmacopoeia (EP) 2.6.12 and United States Pharmacopoeia (USP) <61>.

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 a minimum of 14 days	No growth detected
Incubation at 35-37°C for a minimum of 14 days	No growth detected
Incubation at 42-45°C for a minimum of 14 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Aspergillus brasiliensis</i> ATCC 16404 NCPF 2275	Good growth compared to control at 35-37°C incubation after not more than 5 days
<i>Candida albicans</i> ATCC 2091 NCPF 3255	Good growth compared to control at 35-37°C incubation after not more than 5 days
<i>Candida albicans</i> ATCC 10231 NCPF 3179	Good growth compared to control at 35-37°C incubation after not more than 5 days

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 by a UKAS (ISO 17025) accredited laboratory (Ref No. 4356).

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