



## TECHNICAL DATA SHEET

**DESCRIPTION** POTATO DEXTROSE AGAR (BOTTLED)

**SGL PRODUCT CODE** 3535

A medium used for the cultivation, isolation and enumeration of yeasts and moulds from foodstuffs and other materials.

The medium complies with the specifications of the American Public Health Association for food, the European Pharmacopoeia (EP) 2.6.12 and the United States Pharmacopoeia (USP) <61>.

### FORMULATION

Typical product composition\*:

COMPONENT	WEIGHT / VOLUME
Potato extract	4.0 g
Dextrose	20.0 g
Agar	15.0 g
Purified water	1000 ml

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

### QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Translucent, pale yellow to brown coloured 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
<i>Aspergillus brasiliensis</i> ATCC 16404 NCPF 2275 NMT 100 CFU inoculum	≥50% CFU recovery compared to control at 35-37°C incubation after not more than 2 days
<i>Candida albicans</i> ATCC 10231 NCPF 3179 NMT 100 CFU inoculum	≥50% CFU recovery compared to control at 35-37°C incubation after not more than 2 days
<i>Saccharomyces cerevisiae</i> ATCC 9763 NCTC 10716 NMT 100 CFU inoculum	≥50% CFU recovery compared to control at 28-30°C incubation after not more than 2 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 in accordance with ISO 11133 by a UKAS (ISO 17025) accredited laboratory (Ref No. 4356).

**ISSUE 01**

**12 FEBRUARY 2020**