



TECHNICAL DATA SHEET

DESCRIPTION CZAPEK-DOX AGAR, 90MM PLATES
SGL PRODUCT CODE 7536

A defined medium used for the cultivation of fungi and bacteria able to utilise sodium nitrate as the sole source of nitrogen.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Sodium nitrate	2.0 g
Potassium chloride	0.5 g
Magnesium glycerophosphate	0.5 g
Ferrous sulphate	0.01 g
Potassium sulphate	0.35 g
Sucrose	40.0 g
Agar	12.0 g
Purified water	1000 ml

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

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	White turbid agar
pH at 20-25°C	6.8 ± 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>Candida albicans</i> ATCC 2091 NCPF 3255	Good growth compared to control at 35-37°C incubation after not more than 2 days
<i>Escherichia coli</i> ATCC 8739 NCTC 12923 NCIMB 8545	Full or partial inhibition of growth compared to control at 35-37°C incubation after not more than 1 day

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).

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