



TECHNICAL DATA SHEET

DESCRIPTION MALT EXTRACT AGAR, IRRADIATED, 3 X WRAP VHP,
CONTACT PLATE

SGL PRODUCT CODE 5397

A medium for the detection, isolation and enumeration of yeasts and moulds. The contact plates are triple wrapped and irradiated to ensure sterility and intended for use in cleanroom environments predominantly for monitoring the bioburden of flat surfaces.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Malt extract	30.0 g
Peptone	5.0 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	Clear, straw coloured gel
pH at 20-25°C	5.5 ± 0.3

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 22-25°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
<i>Candida albicans</i> ATCC 2091 WDCM 00055	Good growth, comparable to control at 28-32°C incubation after not more than 3 days
<i>Paecilomyces variotii</i> NCPF 2159	Good growth, comparable to control at 28-32°C incubation after not more than 3 days
<i>Saccharomyces cerevisiae</i> NCPF 3178	Good growth, comparable to control at 28-32°C incubation after not more than 3 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).

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