



TECHNICAL DATA SHEET

DESCRIPTION MALT EXTRACT AGAR (ACIDIFIED), 90MM PLATES
SGL PRODUCT CODE 8069A

A medium for the detection, isolation and enumeration of yeasts and moulds. Addition of lactic acid is intended for the suppression of bacteria

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Malt extract	30.0 g
Enzymatic digest of animal tissue	5.0 g
10% Lactic acid	20.0 ml
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	Transparent, pale straw coloured gel
pH at 20-25°C	3.5 ± 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>Aspergillus brasiliensis</i> ATCC 16404 NCPF 2275	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	No growth 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).