



TECHNICAL DATA SHEET

DESCRIPTION OXYTETRACYCLINE GLUCOSE YEAST EXTRACT (OGYE)
 AGAR, CONTACT PLATES
SGL PRODUCT CODE 8303

A medium designed for the isolation and enumeration of yeasts and moulds. The base medium allows good growth of yeasts and moulds, and the addition of oxytetracycline inhibits the growth of bacteria

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Yeast extract	5.0 g
Glucose	20.0 g
Oxytetracycline	0.1 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	Clear, pale straw coloured gel
pH at 20-25°C	7.0 ± 0.3

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 22-25°C for 7 days	No growth detected
Incubation at 35-37°C for 7 days	No growth detected
Incubation at 42-45°C for 7 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Candida albicans</i> ATCC 10231 NCPF 3179 NMT 100 CFU inoculum	≥50% CFU recovery compared to control at 22-25°C incubation after not more than 5 days
<i>Aspergillus brasiliensis</i> ATCC 16404 NCPF 2275 NMT 100 CFU inoculum	≥50% CFU recovery compared to control at 22-25°C incubation after not more than 5 days
<i>Saccharomyces cerevisiae</i> ATCC 9763 NCTC 10716	≥50% CFU recovery compared to control at 22-25°C incubation after not more than 5 days
<i>Penicillium cyclopium</i> ATCC 16025 NMT 100 CFU inoculum	≥50% CFU recovery compared to control at 22-25°C incubation after not more than 5 days
<i>Bacillus subtilis</i> ATCC 6633 NCTC 10400 NLT 10000 CFU inoculum	Total inhibition at 22-25°C incubation after not more than 5 days
<i>Escherichia coli</i> ATCC 8739 NCTC 12923 NCIMB 8545 NLT 10000 CFU inoculum	Total inhibition at 22-25°C incubation after not more than 5 days

NMT = Not more than

NLT = Not less than

CFU = Colony forming units

ISSUE 01

09 DECEMBER 2021



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).