



TECHNICAL DATA SHEET

DESCRIPTION YEAST AND MOULD AGAR, 55MM PLATES
SGL PRODUCT CODE 7648

A medium used for the isolation and maintenance of yeasts and moulds.

FORMULATION

Typical product composition*:

| COMPONENT | WEIGHT / VOLUME |
|-----------------------------|-----------------|
| Yeast extract | 3.0 g |
| Malt extract | 3.0 g |
| Enzymatic digest of gelatin | 5.0 g |
| Glucose | 10.0 g |
| Agar | 20.0 g |
| Purified water | 1000 ml |

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

QUALITY CONTROL SPECIFICATION

| PHYSICAL TESTS | SPECIFICATION CRITERIA |
|----------------|------------------------|
| Appearance | Straw coloured gel |
| pH at 20-25°C | 6.2 ± 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>Aspergillus brasiliensis</i> ATCC 16404 NCPF 2275 | Good growth compared to control at 35-37°C incubation after not more than 2 days |
| <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 | Good 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).