



## TECHNICAL DATA SHEET

**DESCRIPTION** WL DIFFERENTIAL AGAR (WLD), 55MM PLATES  
**SGL PRODUCT CODE** 7642

A differential medium for the cultivation and enumeration of bacteria relevant to the brewing industry. The addition of 7mg per litre of cycloheximide inhibits any yeasts or moulds present.

### FORMULATION

Typical product composition\*:

COMPONENT	WEIGHT / VOLUME
Yeast Extract	4.0 g
Enzymatic Digest of Casein	5.0 g
Glucose	50.0 g
Monopotassium Phosphate	0.55 g
Potassium Chloride	0.425 g
Calcium Chloride	0.125 g
Magnesium Sulphate	0.125 g
Ferric Chloride	0.0025 g
Manganese Sulphate	0.0025 g
Bromocresol Green	0.022 g
Cycloheximide	0.007 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	Greyish coloured gel
pH at 20-25°C	5.5 ± 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>Saccharomyces cerevisiae</i> NCPF 3178	No growth at 28-32°C incubation after not more than 2 days
<i>Escherichia coli</i> ATCC 8739 NCTC 12923 NCIMB 8545	Good growth compared to control, green colonies at 36-38°C incubation after not more than 1 day

NMT = Not more than

NLT = Not less than

CFU = Colony forming units

**ISSUE 01**

**18 NOVEMBER 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).