



TECHNICAL DATA SHEET

DESCRIPTION W-L DIFFERENTIAL AGAR (WLD), BOTTLED
SGL PRODUCT CODE 3341

A differential medium for the cultivation and enumeration of bacteria relevant to the brewing industry. The addition 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
Dextrose	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	0.0045 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	Clear, pale turquoise/green-blue coloured gel
pH at 20-25°C	5.5 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 22-25°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 30-35°C incubation after not more than 2 days
<i>Escherichia coli</i> ATCC 8739 NCIB 8545 NCTC 12923	Good growth compared to control, green colonies at 35-37°C incubation after not more than 1 day

NMT = Not more than

NLT = Not less than

CFU = Colony forming units

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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).