



TECHNICAL DATA SHEET

DESCRIPTION WL DIFFERENTIAL AGAR (WLD), BOTTLED
SGL PRODUCT CODE 3091

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	0.007 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	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 30-35°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 compared to control 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 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).