



TECHNICAL DATA SHEET

DESCRIPTION WL DIFFERENTIAL AGAR (WLD) (DEEP FILL), 90MM PLATES
SGL PRODUCT CODE 8009

A differential medium for the cultivation and enumeration of bacteria relevant to the brewing industry. The addition of 4mg 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	0.004 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 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

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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).