



TECHNICAL DATA SHEET

DESCRIPTION W-L NUTRIENT AGAR (WLN), BOTTLED
SGL PRODUCT CODE 3343

A medium for the cultivation and enumeration of yeasts and bacteria relevant to the brewing industry.

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
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>Candida albicans</i> ATCC 2091 NCPF 3255	Good growth compared to control, green colonies at 35-37°C incubation after not more than 2 days
<i>Saccharomyces cerevisiae</i> NCPF 3178	Good growth compared to control, green colonies at 30-35°C incubation after not more than 2 days

NMT = Not more than

NLT = Not less than

CFU = Colony forming units

ISSUE 01
07 FEBRUARY 2020



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).