



## TECHNICAL DATA SHEET

**DESCRIPTION** LYSINE AGAR, BOTTLED

**SGL PRODUCT CODE** 3506

A synthetic medium for the isolation and enumeration of wild yeasts in brewing. This medium suppresses pitching yeasts.

### FORMULATION

Typical product composition\*:

COMPONENT	WEIGHT / VOLUME
Dextrose	44.5 g
Potassium dihydrogen phosphate	1.78 g
Magnesium sulphate	0.89 g
Calcium chloride anhydrous	0.178 g
Sodium chloride	0.089 g
Adenine	0.00178 g
DL-Methionine	0.000891 g
L-Histidine	0.000891 g
DL-Tryptophan	0.000891 g
Boric acid	0.0000089 g
Zinc sulphate	0.0000356 g
Ammonium molybdate	0.0000178 g
Manganese sulphate	0.0000356 g
Ferrous sulphate	0.0002225 g
L-Lysine	1.0 g
Inositol	0.020 g
Calcium pantothenate	0.002 g
Aneurine	0.0004 g
Pyridoxine	0.0004 g
P-Amimobenzoic acid (PABA)	0.0002 g
Nicotinic acid (Niacin)	0.0004 g
Riboflavin (Vitamin B2)	0.0002 g
Biotin	0.000002 g
Folic acid	0.000001 g
Agar	17.8 g
Purified water	1000 ml

\*Product may be adjusted and/or supplemented to meet performance criteria

### QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Beige/buff coloured gel
pH at 20-25°C	4.8 ± 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 NLT 1000 CFU inoculum	No growth or weak growth compared to control at 28-32°C incubation after not more than 2 days

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).