



TECHNICAL DATA SHEET

DESCRIPTION YEAST EXTRACT GLUCOSE CHLORAMPHENICOL (YGC)
 AGAR, 90MM PLATES
SGL PRODUCT CODE 8094

A selective agar for isolating and enumerating yeasts and moulds in milk and milk products. The medium complies with the recommendations of the International Dairy Federation (IDF) and ISO DIS 6611

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Yeast extract	5.0 g
Glucose	20.0 g
Chloramphenicol	0.1 g
Agar	15.0 g
Purified water	1000 ml

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

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Translucent, pale straw coloured gel
pH at 20-25°C	6.6 ± 0.3

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>Candida albicans</i> ATCC 2091 NCPF 3255	Good growth compared to control at 35-37°C incubation after not more than 2 days
<i>Escherichia coli</i> ATCC 8739 NCTC 12923 NCIMB 8545	No growth 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).