



TECHNICAL DATA SHEET

DESCRIPTION YEAST EXTRACT GLUCOSE CHLORAMPHENICOL (YGC)
AGAR, BOTTLED

SGL PRODUCT CODE 3245

A selective medium used for the enumeration of yeasts and moulds, typically in food samples. The medium contains chloramphenicol to inhibit bacteria.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Yeast extract	5.0 g
D (+) glucose	20.0 g
Chloramphenicol	0.1 g
Agar	14.9 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, yellow to brown coloured gel
pH at 20-25°C	6.6 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 22-25°C for a minimum of 5 days	No growth detected
Incubation at 35-37°C for a minimum of 5 days	No growth detected
Incubation at 42-45°C for a minimum of 5 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Aspergillus brasiliensis</i> ATCC 16404 NCPF 2275	Good growth compared to control at 26-30°C incubation after 5-7 days
<i>Saccharomyces cerevisiae</i> ATCC 9763 NCTC 10716	≥50% CFU recovery compared to control at 26-30°C incubation after 5-7 days
<i>Escherichia coli</i> ATCC 25922	≤0.01% recovery compared to control at 26-30°C incubation after 5-7 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 by a UKAS (ISO 17025) accredited laboratory (Ref No. 4356).