



TECHNICAL DATA SHEET

DESCRIPTION ROSE BENGAL CHLORAMPHENICOL AGAR, 90MM PLATES
SGL PRODUCT CODE 8080

A selective medium used for the selective enumeration of moulds and yeasts from foods. The chloramphenicol inhibits bacterial growth and the Rose-Bengal limits colony size.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Peptone	5.0 g
Dextrose	10.0 g
Potassium phosphate	1.0 g
Magnesium sulphate	0.5 g
Rose bengal	0.05 g
Chloramphenicol	0.1 g
Agar	15.5 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 pink gel
pH at 20-25°C	7.2 ± 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>Candida albicans</i> ATCC 2091 NCPF 3255 NMT 100 CFU inoculum	≥50% CFU recovery compared to control at 35-37°C incubation after not more than 3 days
<i>Escherichia coli</i> ATCC 8739 NCTC 12923 NCIB 8545 NLT 1000 CFU inoculum	No growth at 35-37°C incubation after 24-48hrs

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).