



## TECHNICAL DATA SHEET

**DESCRIPTION** DICHLORAN ROSE BENGAL CHLORAMPHENICOL (DRBC)  
 AGAR, 90MM PLATES  
**SGL PRODUCT CODE** 8099

A selective medium for the enumeration of moulds and yeasts, particularly those present in food and animal feedingstuffs. The presence of chloramphenicol inhibits bacterial growth and the dichloran limits the colony size of rapidly growing species.

The medium complies with the specification in ISO 21527-1, ISO 11133 and FDA/BAM.

### FORMULATION

Typical product composition\*:

COMPONENT	WEIGHT / VOLUME
Enzymatic digest of animal & plant tissue	5.0 g
Glucose	10.0 g
Potassium dihydrogen phosphate	1.0 g
Magnesium sulphate	0.5 g
Dichloran	0.002 g
Rose-Bengal	0.025 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	Transparent, pink coloured gel
pH at 20-25°C	5.6 ± 0.2

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>Saccharomyces cerevisiae</i> ATCC 9763 NCTC 10716	≥50% CFU recovery compared to control, pink coloured colonies at 24-26°C incubation after not more than 5 days
<i>Aspergillus brasiliensis</i> ATCC 16404 NCPF 2275 NMT 100 CFU inoculum	≥50% CFU recovery compared to control, pink coloured colonies at 24-26°C incubation after not more than 5 days
<i>Bacillus subtilis</i> ATCC 6633 NCTC 10400 NLT 1000 CFU inoculum	No growth at 24-26°C incubation after not more than 5 days
<i>Escherichia coli</i> ATCC 25922 NCTC 12241 NLT 1000 CFU inoculum	No growth at 24-26°C incubation after not more than 5 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).