



TECHNICAL DATA SHEET

DESCRIPTION MODIFIED CELLOBIOSE POLYMYXIN B COLISTIN (MCPC)
 AGAR, 90MM PLATES
SGL PRODUCT CODE 7152

A medium used for the cultivation of *Vibrio* species pathogenic to humans, causing cholera, cholera diarrhoea or food poisoning. The medium is used for the analysis of foods, water and clinical specimens and complies with ISO/TS 21872-2 and ISO 11133.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Enzymatic digest of animal tissue/casein	10.0 g
Beef extract	5.0 g
Sodium chloride	20.0 g
Bromothymol blue	0.04 g
Cresol red sodium salt	0.04 g
D(+) Cellobiose	10.0 g
Polymyxin B sulphate	100,000 IU
Colistin sulphate	400,000 IU
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	Clear, dark blue to green coloured gel
pH at 20-25°C	7.6 ± 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>Escherichia coli</i> ATCC 8739 NCTC 12923 NCIMB 8545	Total inhibition 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).