



## TECHNICAL DATA SHEET

**DESCRIPTION**           MACCONKEY AGAR WITH SALT, 90MM PLATES  
**SGL PRODUCT CODE** 8071S

A differential medium designed to recover coliforms.

### FORMULATION

Typical product composition\*:

COMPONENT	WEIGHT / VOLUME
Peptone	20.0 g
Lactose	10.0 g
Bile salts	5.0 g
Sodium chloride	5.0 g
Neutral red	0.05 – 0.075 g
Agar	12.0 – 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, pale red gel
pH at 20-25°C	7.4 ± 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>Escherichia coli</i> ATCC 8739 WDCM00012	Good growth compared to control at 35-37°C incubation for 18-24 hours. Lactose fermenting.
<i>Staphylococcus aureus</i> ATCC 6538 WDCM 00032	Good growth compared to control at 35-37°C incubation for 18-24 hours. Lactose fermenting.
<i>Enterococcus faecalis</i> ATCC 19433 WDCM00009	Good growth compared to control at 35-37°C incubation for 18-24 hours. Lactose fermenting.
<i>Proteus mirabilis</i> ATCC 29906 WDCM 00023	Good growth compared to control at 35-37°C incubation for 18-24 hours. Non-lactose fermenting. Non-swarming.

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).