



TECHNICAL DATA SHEET

DESCRIPTION CHROMOGENIC MRSA AGAR, 90MM PLATES
SGL PRODUCT CODE 7630

A selective medium for the isolation and detection of methicillin resistant *Staphylococcus aureus* (MRSA).

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Peptone Mix	27.0 g
Salt Mix	25.0 g
Chromogenic Mix	13.15 g
Agar	15.0 g
Antibiotic Mix	0.018 g
Purified water	1000 ml

*Product may be adjusted and/or supplemented to meet performance criteria

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Opaque, white 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

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Staphylococcus aureus</i> NCTC 10442	Good growth compared to control at 35-37°C after not more than 48 hours. Magenta coloured colonies.
<i>Staphylococcus aureus</i> ATCC 33591	Good growth compared to control at 35-37°C after not more than 48 hours. Magenta coloured colonies.
<i>Staphylococcus aureus</i> ATCC 25923	No growth at 35-37°C incubation after not less than 24 hours
<i>Staphylococcus epidermidis</i> ATCC 12228	No growth at 35-37°C incubation after not less than 24 hours
<i>Pseudomonas aeruginosa</i> ATCC 27853	No growth at 35-37°C incubation after not less than 24 hours
<i>Proteus mirabilis</i> NCTC 10975	Total or partial inhibition compared to control at 35-37°C incubation after not less than 24 hours

NMT = Not more than

NLT = Not less than

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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).