



## TECHNICAL DATA SHEET

**DESCRIPTION** CHROMOGENIC STAPH AGAR, 90MM PLATES  
**SGI PRODUCT CODE** 9099

A medium for the isolation and differentiation of *Staphylococcus* Spp. in clinical and other sample types.

### FORMULATION

Typical product composition\*:

COMPONENT	WEIGHT / VOLUME
Enzymatic digest of animal tissue	23.0 g
Sodium pyruvate	5.0 g
Lithium chloride	5.0 g
Kaolin	13.0 g
Yeast extract	3.0 g
X- alpha glucopyranoside	0.15 g
Polymyxin B	100,000 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	Opaque, white coloured gel
pH at 20-25°C	7.2 ± 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>Staphylococcus aureus</i> ATCC 25923 NCTC 12981 NMT 100 CFU inoculum	>50% CFU recovery compared to control, blue/turquoise colonies at 33-37°C incubation after not more than 1 day
<i>Staphylococcus saprophyticus</i> ATCC 15305 NCTC 7292	>50% CFU recovery compared to control, blue/turquoise colonies at 33-37°C incubation after not more than 1 day
<i>Escherichia coli</i> ATCC 25922 NCTC 12241 NLT 1000 CFU inoculum	Inhibition compared to control at 33-37°C incubation after not more than 1 day
<i>Enterococcus faecalis</i> ATCC 29212 NCTC 12697 100-1000 CFU inoculum	<10% CFU recovery compared to control at 33- 37°C incubation after not more than 1 day

NMT = Not more than

NLT = Not less than

CFU = Colony forming units

**ISSUE 01**

**14 JANUARY 2022**



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).