



TECHNICAL DATA SHEET

DESCRIPTION CHROMOGENIC UTI AGAR, 90MM PLATES

SGL PRODUCT CODE 7599

A medium used for the presumptive identification and confirmation of micro-organisms mainly causing urinary tract infections.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Peptone mix	15.0 g
Chromogenic mix	26.8 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	Opaque, white coloured gel
pH at 20-25°C	7.0 ± 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	Pink colonies, growth comparable to control plate at 35-37°C incubation after not more than 1 day
<i>Enterococcus faecalis</i> ATCC 19433 NCTC 775	Blue/turquoise colonies, growth comparable to control plate at 35-37°C incubation after not more than 1 day
<i>Klebsiella aerogenes</i> NCTC 9528	Purple/pink colonies, growth comparable to control plate at 35-37°C incubation after not more than 1 day
<i>Proteus mirabilis</i> ATCC 29906 NCTC 11938	Brown colonies, growth comparable to control plate at 35-37°C incubation after not more than 1 day
<i>Staphylococcus aureus</i> ATCC 6538 NCTC 10788	Typical appearance, growth comparable to control plate at 35-37°C incubation after not more than 1 day

NMT = Not more than

NLT = Not less than

ISSUE 02

28 FEBRUARY 2024



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).