



TECHNICAL DATA SHEET

DESCRIPTION PSEUDOMONAS CN AGAR (OXOID FORMULATION), 90MM PLATES

SGL PRODUCT CODE 7725

A medium for the detection and enumeration of *Pseudomonas aeruginosa* in water using the membrane filtration technique.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Enzymatic digest of gelatine	16.0 g
Casein hydrolysate	10.0 g
Potassium sulphate	10.0 g
Magnesium chloride	1.4 g
Glycerol	10.0 ml
Cetrimide	0.2 g
Sodium nalidixate	0.015 g
Agar	11.0 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, near colourless gel
pH at 20-25°C	7.1 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 20-25°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>Pseudomonas aeruginosa</i> ATCC 27853 NCTC 12934 NMT 100 CFU inoculum	≥50% CFU recovery compared to control at 34-38°C incubation after not more than 2 days. Pigmented colonies (blue-green under UV light)
<i>Pseudomonas aeruginosa</i> ATCC 10145 NMT 100 CFU inoculum	≥50% CFU recovery compared to control at 34-38°C incubation after not more than 2 days Pigmented colonies (blue-green under UV light)
<i>Escherichia coli</i> ATCC 8739 NCIB 8545 NLT 1000 CFU inoculum	Total inhibition at 34-38°C incubation after not more than 2 days
<i>Enterococcus faecalis</i> ATCC 19433 NCTC 775 NLT 1000 CFU inoculum	Total inhibition at 34-38°C incubation after not more than 2 days



GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Burkholderia cepacia</i> NCTC 10743 NLT 1000 CFU inoculum	Variable growth with pigmentation at 34-38°C incubation after not more than 2 days

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).