



TECHNICAL DATA SHEET

DESCRIPTION PSEUDOMONAS CFC AGAR, 90MM PLATES
SGL PRODUCT CODE 9095

A medium designed for the selective growth and isolation of *Pseudomonas spp.* The medium complies with the requirements of EN ISO 13720 for the detection and enumeration of *Pseudomonas spp.* in meat and meat products, including poultry, and with ISO 11133.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Enzymatic digest of gelatin	16.0 g
Enzymatic digest of casein	10.0 g
Potassium sulphate	10.0 g
Magnesium chloride	1.4 g
Glycerol	10.0 ml
Cetrimide	0.01 g
Fusidic acid	0.01 g
Cephalothin	0.05 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, nearly 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>Burkholderia cepacia</i> NCTC 10743 NMT 100 CFU inoculum	≥50% CFU recovery compared to control at 36-38°C incubation after not more than 48hrs. Pigmented colonies
<i>Burkholderia cepacia</i> ATCC 17759 NCTC 10661 NMT 100 CFU inoculum	≥50% CFU recovery compared to control at 36-38°C incubation after not more than 48hrs. Pigmented colonies
<i>Pseudomonas aeruginosa</i> ATCC 27853 NCTC 12934 NMT 100 CFU inoculum	≥50% CFU recovery compared to control at 24-26°C incubation after not more than 48hrs. Pigmented colonies



GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Pseudomonas fluorescens</i> ATCC 13525 NCTC 10038 NMT 100 CFU inoculum	≥50% CFU recovery compared to control at 24-26°C incubation after not more than 48hrs. Pigmented colonies
<i>Escherichia coli</i> ATCC 8739 NCTC 12923 NCIB 8545 NLT 1000 CFU inoculum	Total inhibition at 24-26°C incubation after not less than 40-48hrs.

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).