

PRODUCT SPECIFICATION

OXOID PSEUDOMONAS C-N SELECTIVE AGAR

PO0185A

Typical Formula*

	grams per litre
Gelatin peptone	16.0
Casein hydrolysate	10.0
Potassium sulphate	10.0
Magnesium chloride	1.4
Agar	11.0

Additions

Glycerol	10ml
<u>CN Selective Supplement</u>	
Cetrimide	200mg
Sodium nalidixate	15mg

* adjusted as required to meet performance standards

Preparation

Suspend Pseudomonas Agar Base (48.4 grams/ litre) in de-ionised water. Add glycerol (10 ml/ litre). Sterilise at 121°C for 15 minutes. Cool, add CN Selective Supplement as specified above. Aseptically dispense into Petri dishes. Label dishes, wrap and label pack.

Format

Ten 90mm plates wrapped in a single nylon film wrap. Each plate is ink-jet printed with (abbreviated) product name, product code, lot number and expiry date.

Labels

Label gives details of product name, product code, recommended storage temperature, lot number and expiry date.

Physical Characteristics

pH	7.1 ± 0.2
Colour	Straw 1
Clarity	Clear
Fill weight	19.0g ± 2.0g

Packaging and presentation

General appearance of packaging and label should be satisfactory. Label data should be correct.

Contamination Check

Macroscopic examination should show no evidence of microbial growth after incubation at 30-34°C for ≥ 72 hours.

Microbiological Tests Using Optimum Inoculum Dilution

Results after incubation at 34-38°C for 40-48 hours

A membrane filter placed on the surface of the medium is inoculated with the following organism:

Positive control

Inoculum 50-120 colony forming units.

<i>Pseudomonas aeruginosa</i>	ATCC®10145 (WDCM 00024)	0.5 – 3.0 mm straw colonies, green pigmentation
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Colony counts shall be equal to or greater than 50% of the control medium (Tryptone Soya Agar).

P. aeruginosa should exhibit fluorescence under UV. Light (365 nm)

Negative controls

Inoculum 10,000 – 100,000 colony forming units

<i>Escherichia coli</i>	ATCC®25922 (WDCM 00013)	No growth
<i>Enterococcus faecalis</i>	ATCC®29212 (WDCM 00087)	No growth

Storage conditions

Store away from the light between 2–10°C

Tested in accordance with ISO 11133:2014. The formulation conforms to ISO 16266:2008.

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