

Product Specification Sheet

Pseudomonas Cetrимide Agar

Intended Usage: A medium for the isolation and identification of *Pseudomonas aeruginosa*.

For professional use only.

PO5413J	
Version: 11	Revision Date: 20 May 2020

Thermo Scientific™ Pseudomonas Cetrимide Agar

Form of Product	Poured plate
Storage	2 – 12°C
Filling weight	10 g ± 5 %
Packaging	10 plates (55 mm) wrapped in film
pH	7.1 ± 0.2
Appearance	Oyster white, transparent
Shelf life	14 weeks
Intended Usage	A medium for the isolation and identification of <i>Pseudomonas aeruginosa</i> . For professional use only.
Technique	Depends on the different methods. For information see Specification Sheet for Thermo Scientific™ Oxoid™ CM0559 / SR0102.

Typical formulation*	g/l
Gelatine peptone	16.0
Casein hydrolysate	10.0
Potassium sulphate	10.0
Magnesium chloride	1.4
Cetrимide	0.2
Sodium nalidixate	0.015
Agar	11.0
Glycerol	10.0 ml

*Adjusted as required to meet performance standards.

Quality Control

1. Control for general characteristics, labelling and printing.
2. Contamination check
≥ 72 h @ 20 – 25 °C, aerobic
≥ 72 h @ 30 – 35 °C, aerobic
3. Microbiological control

Positive Controls	Growth
Inoculum 50 – 120 colony forming units (cfu) Incubation conditions: 40 – 48 h @ 36 ± 2°C, aerobic Strain tested by membrane filtration method	
<i>Pseudomonas aeruginosa</i> ATCC® 10145™ (WDCM 00024)	2-4 mm yellow-green fluorescent colonies.
Colony counts shall be ≥ 50% of the control medium (Tryptone Soya Agar).	

Negative Controls	Growth
Inoculum > 10⁵ cfu, qualitative Incubation conditions: 40 – 48 h @ 36 ± 2°C, aerobic Strain tested by streaking method	
<i>Escherichia coli</i> ATCC® 25922™ (WDCM 00013)	No growth
<i>Enterococcus faecalis</i> ATCC® 29212™ (WDCM 00087)	No growth

Tested in accordance with ISO 11133.

The formulation of this medium conforms to ISO 16266.

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Note

This medium can contain particles. Those do not affect the biological performance.