thermoscientific

Product Specification Sheet

Cetrimide Agar

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

For professional use only.

	PO5076A
Version: 16	Revision Date: January 2025

Thermo Scientific™ Cetrimide Agar

Form of Product	Poured plate
Storage	2 – 12°C, dark
Filling weight	17 g ± 5 %
Packaging	10 plates wrapped in film
pH	7.1 ± 0.2
Appearance	Oyster white, transparent
Shelf life	14 weeks
Intended Usage	A medium for the selective isolation of *Pseudomonas aeruginosa.* For professional use only.
Technique	Depends on the different methods. For information see Specification Sheet for Thermo Scientific™ Oxoid™ CM0559 / SR0102.

*Adjusted as required to meet performance standards.

Typical formulation*	g/l
Gelatin peptone	16.0
Casein hydrolysate	10.0
Potassium sulphate	10.0
Magnesium chloride	1.4
Cetrimide	0.2
Sodium nalidixate	0.015
Agar	11.5
Glycerol	10.0 ml

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), quantitative Incubation conditions: 40 – 48 h @ 36 ± 2°C, aerobic Strain tested by membrane filtration method	
Pseudomonas aeruginosa ATCC® 10145™ (WDCM 00024)	Blue-green, fluorescent colonies.
Colony counts shall be ≥ 50% of the control medium TSA.	

Negative Controls	Growth
Inoculum 10^4 – 10^5 cfu, qualitative, control medium COL+SB Incubation conditions: 40 – 48 h @ 36 ± 2°C, aerobic Strains tested by membrane filtration method	
Escherichia coli ATCC® 25922™ (WDCM 00013)	Total inhibition.
Enterococcus faecalis ATCC® 29212™ (WDCM 00087)	Total inhibition.

Tested in accordance with ISO 11133
Tested in accordance with the methods described in ISO 7704:2023
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.