

OXOID PRODUCT SPECIFICATION

CETRIMIDE AGAR (EP, USP, JP, BP)

PO1168A

Typical Formula

	grams per litre
Gelatin peptone	20.0
Potassium sulfate	10.0
Cetrimide	0.3
Magnesium chloride	1.4
Agar	13.6

Addition

Glycerol	10.0ml
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Preparation

Suspend Cetrimide Agar (45.3 grams / litre) and Glycerol (10.0 millilitres / litre) in de-ionised water. Sterilise at 121°C for 15 minutes. Cool and aseptically dispense into Petri dishes. Label dishes, wrap and label pack.

Format

Ten 90mm plates wrapped in a single cellulose-based 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

Physical Tests

pH	7.2 ± 0.2
Colour	Straw
Clarity	Semi-opaque
Fill weight	19.5g ± 1.0g

Packaging and presentation:

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

Sterility Test

Macroscopic examination should show no evidence of microbial growth after incubation at 20-24°C and 30-34°C for 5 days.

Microbiological Tests Using Optimum Inoculum Dilution

Results after incubation at 30-35°C for 18-24 hours

Positive controls

Inoculum 10-100 colony forming units.

Pseudomonas aeruginosa ATCC® 9027 Clear, green colonies and +ve fluorescence

Colony counts shall be equal to or greater than 30% of the control medium.

Results after incubation at 30-35°C for 3 days

Negative controls

Inoculum 10,000-100,000 colony forming units.

Escherichia coli ATCC® 8739 No growth

Storage conditions

Store away from the light between 2-10°C.