

CETRIMIDE (CN) AGAR BASE

A selective medium for isolation and identification of *Pseudomonas aeruginosa* according to several ISO standards.

Dehydrated media	
Code number:	500 g: CCN20500, 5 kg: CCN25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,9 – 7,3

Direction: Suspend **25 g** in 500 ml of distilled water. Add **5 ml of Glycerol Supplement (GLC80100)** and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
Bottled media:	100 ml: CCN30100, 500 ml: CCN30500
Plated media:	55 mm: CCN50055, 90 mm: CCN50090
Colour:	Yellowish
pH (25 °C):	7,0 – 7,2

Direction: Dispense the melted bottled media aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

FORMULA in g/l

Gelatin peptone	16,000
Casein peptone	10,000
Potassium sulphate	10,000
Magnesium chloride	1,400
Cetrimide	0,200
Nalidixic acid	0,015
Agar	12,400

Note: The typical formula can be adjusted to obtain optimal performance.

Storage conditions: Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled media protected from light at room temperature. Store the plated media protected from light at 2-8 °C. Use before the expiry date on the label.

Quality control:

Test strains	Incubation temp: 37 °C	Growth	Incubation time: 24 h
<i>Pseudomonas aeruginosa</i> ATCC 27853		Good growth, fluorescent green colonies	
<i>Escherichia coli</i> ATCC 25922		Inhibited	

References: Lowbury and Collins (1955) J. Clin. Pathol. 8: 47.
ISO 16266:2008; ISO 13720:2011; ISO 11059:2009

In vitro diagnostic – for professional use only!