

Pseudomonas-CN-Agar (PCN)

According to ISO 16266

Abbreviazione: PCN
Numero articolo: 40-1286
Scheda: Petri Dish, 90mm
Colore: transparent
Condizioni di stoccaggio prodotti: Dry, in closed bag at 4 – 10°C.
Data di scadenza: 3 Months
Valore pH: 6.8 ± 0.2 at 25°C



Destinazione e applicazione

Pseudomas CN Agar Selective Agar for the cultivation of Pseudomonas aeruginosa with the addition of Cetrимide to suppress the growth of non-target bacteria, such as Klebsiella, Proteus or other prominent species in water.

Composizione tipica

in g per 1 litre of Medium

Gelatin Peptone	16.0
Casein Hydrolysate	10.0
Potassium Sulphate, anhydrous	10.0
Magnesium Chloride, anhydrous	1.4
Agar	11.0
Cetrimide (in mg)	200.0
Nalidixic Acid (in mg)	15.0
Glycerine (in ml)	10.0

*Adjusted as required to meet performance standards

Controlli di qualita' microbiologici

The Microbiological Performance Test is carried out in accordance with the requirements ISO 11133:2014.

Productivity

Incubation conditions: 2–3 days at 30–35 °C; Inoculation concentration: 80–120 CFU

Organism	Type Strain	Specification	Colony morphology
Pseudomonas aeruginosa	ATCC 10145 / WDCM 00024	50 – 130 %	Blue-Green to greenish colonies with fluorescence under UV light (360 ± 20 nm)

Selectivity

Incubation conditions: 44 ± 4 Hours at 36 ± 2 °C; Inoculation concentration: 10.000–1.000.000 CFU

Organism	Type Strain	Specification	Colony morphology
Enterococcus faecalis	ATCC 19433 / WDCM 00009	Complete inhibition	-
Escherichia coli	Complete inhibition	-	-

Microbial Contamination

Incubation conditions: 5–7 days at 20–25 °C and 5–7 days at 30–35 °C

Specification

No microbial contamination