

## Pseudomonas-CN-Agar

<b>Abbreviazione:</b> PCN
<b>Numero articolo:</b> 45-1286
<b>Scheda:</b> Petri Dish, 70mm
<b>Colore:</b> colourless
<b>Condizioni di stoccaggio prodotti:</b> Dry, in closed bag at 4-10°C
<b>Data di scadenza:</b> 3 Months
<b>Valore pH:</b> 6.8 ± 0.2 bei 25°C



### Destinazione e applicazione

Pseudomas CN Agar is a selective Agar for the cultivation of Pseudomonas aeruginosa with the addition of Cetrimide 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 nutrient medium

Gelatin Peptone	16
Casein Hydrolysate	10
Potassium Sulphate, anhydrous	10
Magnesium Chloride, anhydrous	1.4
Agar	11
Cetrimide (in mg)	200
Nalidixic Acid (in mg)	15
Glycerine (in ml)	10

\*Adjusted as required to meet performance standards

## Controlli di qualita' microbiologici

The Microbiological Performance Test is carried out in accordance with the requirements BS EN ISO 11133:2014 and PhEur. (Microbiological Examination of Non-Sterile Products in accordance with Chapter 2.6.13).

### Productivity

Incubation conditions: 2-3 days at 30-35 °C; Inoculum 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; Inoculum 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