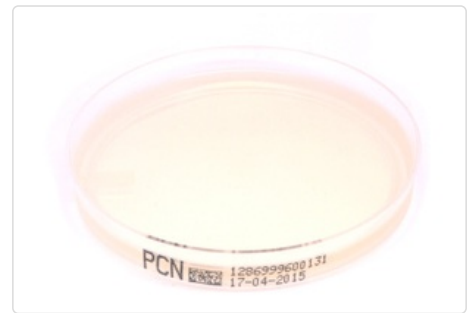


## Pseudomonas-CN-Agar (PCN)

According to ISO 16266

<b>Shorthand symbol:</b>	PCN
<b>Item number:</b>	40-1286
<b>Format:</b>	Petri Dish, 90mm
<b>Colour:</b>	transparent
<b>Storage conditions:</b>	Dry, in closed bag at 4 – 10°C.
<b>Shelf-life:</b>	3 Months
<b>pH:</b>	6.8 ± 0.2 at 25°C



### Intended use and fields of application

Pseudomonas 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.

### Typical composition in g/l

#### 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
Cetrимide (in mg)	200.0
Nalidixic Acid (in mg)	15.0
Glycerine (in ml)	10.0

\*Adjusted as required to meet performance standards

## Microbiological quality control

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
<i>Pseudomonas aeruginosa</i>	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
<i>Enterococcus faecalis</i>	ATCC 19433 / WDCM 00009	Complete inhibition	-
<i>Escherichia coli</i>	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