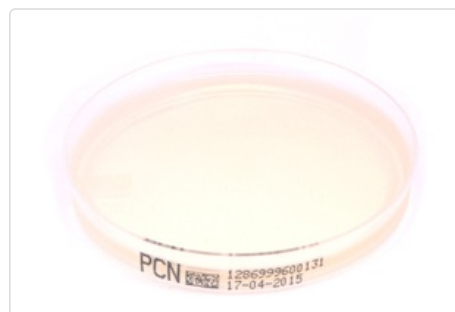


Pseudomonas-CN-Agar (PCN)

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 Month |
| 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 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 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 |

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