
Product Specification

Product Name: Pseudomonas CN Selective Agar

Product Code: SG7376

PRODUCT DESCRIPTION:

Pseudomonas CN Selective Agar is used for the isolation and culture of *Pseudomonas aeruginosa* in food.

Use:

Stir to suspend 52.6 g of dehydrated medium in 1L distilled H₂O. Add 10 mL of glycerol, then mix well with heat with frequent agitation. Boil for one minute. Autoclave at 121°C for 15 minutes. Allow to cool (40– 45°C) before making additions, such as antibiotics (if desired). Dispense into petri dishes. For laboratory use only.

Components:

Gelatin Peptone - 16.0 g/L

Tryptone - 10.0 g/L

Potassium Sulfate - 10.0 g/L

Magnesium Chloride - 1.4 g/L

Cetyltrimethylammonium Bromide (Cetrimide) - 0.2 g/L

Nalidixic Acid - 0.015 g/L

Agar - 15.0 g/L

Item	Description
<u>Physical and Chemical Tests</u>	
Appearance (dry):	Yellowish Powder
pH (@25°C):	7.1 ± 0.2
<u>Microbiological Tests</u>	
<i>Pseudomonas aeruginosa</i> (ATCC27853)	<u>Quality Control Results</u> PR ≥ 0.7; produces green pigment
<i>Escherichia coli</i> (ATCC25922)	G ≤ 1

* The microbiological test results were obtained from type cultures after incubation at a temperature of 36 ± 1°C and observed after 24 to 48 hours.

Storage: Store in a dry and dark place at room temperature. Tighten the cap immediately after use.