

## Pseudomonas Agar (Base)

TN 1286 500 g



### Intended use

Used to detect and count *Pseudomonas aeruginosa* from water samples, foodstuffs and other material.

### Form

Powder

### Colour

Bright beige

### Storage

Dry, tightly closed, at 10...25 °C.

### Shelf life

5 years

### Typical composition

Component	g/l
Gelatin peptone	16
Casein hydrolysate	10
Potassium sulfate anhydrous	10
Magnesium chloride anhydrous	1.4
Agar	11

### Directions

Suspend 24.2 g in 500 ml distilled water, add 5 ml glycerine and heat until completely dissolved. Autoclave at 121 °C for 15 minutes, and cool down to 50 °C. Dissolve the contents of one bottle of *Pseudomonas* CN Selective Supplement (TN 1323) according to instructions and add to the base culture medium. Mix well and pour plates.

### Final pH at 25 °C

7.1 ± 0.2

### Microbiological quality control

Incubate *Pseudomonas* Agar (Base) aerobically for 24-72 hours at 36 ± 1 °C.

Test strain	ATCC no.	Growth	Colony colour in visible light	Fluorescence at 366 nm
<i>Pseudomonas aeruginosa</i>	9027	good	yellowish-green	+
<i>Pseudomonas aeruginosa</i>	25688	good	yellowish-green	+
<i>Pseudomonas aeruginosa</i>	27853	good	yellowish	+
<i>Pseudomonas fluorescens</i>	49838	good	yellowish	+
<i>Aeromonas hydrophila</i>	8766	good	yellowish	-
<i>Escherichia coli</i>	25922	good	yellowish	-

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Manufacturer: sifin diagnostics gmbh | Berliner Allee 317-321 | 13088 Berlin | Germany | T: +49 30 927 030-0 | F: +49 30 927 030-30 | info@sifin.de | www.sifin.de