Pseudomonas Agar (Base)

TN1286 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...30 °C.

Shelf life
5 years

Typical composition Component	g/l
Gelatin peptone	16.0
Casein hydrolysate	10.0
Potassium sulfate anhydrous	10.0
Magnesium chloride anhydrous	1.4
Agar	11.0

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 (TN1323) 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
Incubation: aerobically, 40-48 h at 36 ± 2 °C

Test strain	CFU / plate	Recovery rate test / inoculum in % *)	Colony morphology	Fluorescence at 366 nm
Pseudomonas aeruginosa ATCC 9027 (WDCM 00026)	80-120	≥ 50 %	white-yellowish to greenish, translucent colonies	yellowish-greenish
Pseudomonas aeruginosa ATCC 27853 (WDCM 00025)	80-120	≥ 50 %	white-yellowish to greenish, translucent colonies	yellowish-greenish
Pseudomonas aeruginosa ATCC 10145 (WDCM 00024)	80-120	≥ 50 %	white-yellowish to greenish, translucent colonies	yellowish-greenish
Escherichia coli ATCC 8739 (WDCM 00012)	10^4-10^6	≤ 0,1 %	no growth	n.a.
Escherichia coli ATCC 25922 (WDCM 00013)	10^4-10^6	≤ 0,1 %	no growth	n.a.
Escherichia coli ATCC 11775 (WDCM 00090)	10^4-10^6	≤ 0,1 %	no growth	n.a.
Enterococcus faecalis ATCC 19433 (WDCM 00009)	10^4-10^6	≤ 0,1 %	no growth	n.a.
Enterococcus faecalis ATCC 29212 (WDCM 00087)	10^4-10^6	≤ 0,1 %	no growth	n.a.

Date of revision: 2026/05/21

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