Cetrimid-Agar nach harm. EP/USP/JP

Shorthand symbol:	CNA
Item number:	40-1024
Format:	Petri dish, 90mm
Colour:	Light beige, transparent
Storage conditions:	Dry, closed at 4-10°C
Shelf-life:	3 Months
pH:	7.2 ± 0.2 at 25°C

Intented use and fields of application

The cetrimide agar serves as a test for Pseudomonas aeruginosa. The medium is used for testing non-sterile products. It complies with the recommendations of the harmonization according to EP / USP / JP (2006).

Typical composition in g/l

in g per 1l medium	
Pancreatic hydrolyzate from gelatin	20
Magnesium chloride	1.4
Potassium sulphate	10
Cetrimide	0.3
Glycerol	10
Agar	13.6

*Adjusted as required to meet performance standards.

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Microbiological quality control

The microbial performance test is carried out in conformity with the requirements of DIN EN ISO 11133 and the Pharm. Eur. (Microbiological testing of non-sterile products according to Chapter 2.6.13).

Productivity
Incubation conditions: 44 ± 4 hours at 36 ± 2 °C; Inoculum concentration: 80 – 120 CFU

Organism	Test strain	Specification	Colony morphology
Pseudomonas aeruginosa	ATCC 9027 / WDCM 00026	50 – 130 % / good growth	White-yellowish to green, translucent flourescence colonies under UV-Light(360 ± 20 nm)

Selectivity
Incubation conditions: 44 ± 4 hours at 36 ± 2 °C; Inoculum concentration: 10.000 – 1.000.000 CFU

Organism	Test strain	Specification	Colony morphology
Escherichia coli	ATCC 8739 / WDCM 00012	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

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