

Legionella-BCYE-Agar (mit Cystein)

According to ISO 11731

Shorthand symbol:	BCYE
Item number:	40-1503
Format:	Petri Dish, 90mm
Colour:	Black, opaque
Storage conditions:	Dry, in closed bag at 4 – 10°C.
Shelf-life:	3 Months
pH:	6.9 ± 0.1 at 25°C



Intended use and fields of application

For the detection, isolation and enumeration of Legionella from water samples and clinical material.

Typical composition in g/l

in g per 1 Litre of Nutrient medium

Activated Charcoal	2.0
Yeast Extract	10.0
ACES (Buffer/Potassium Hydroxide)	12.8
L-Cysteine	0.4
Ferric (III)Pyrophosphate	0.25
α-Ketoglutarate	1.0
Agar	13.0

*Adjusted as required to meet performance standards

Microbiological quality control

The Microbiological Performance Test is carried out in accordance with the requirements ISO 11133:2014.

Productivity

Incubation conditions: 2–5 days and 5–10 days at 36 ± 2 °C; Inoculation concentration: 80–120 CFU

Organism	Type Strain	Specification	Colony morphology
Legionelle pneumophila	ATCC 33152 / WDCM 00107	>70%	White-grey-blue-violet entire colonies with a smooth edge and a characteristic milky appearance.

Microbial Contamination

Incubation conditions: 5–7 days at 20–25°C and 5–7 days at 30–35°C

Specification

No microbial contamination