

## Legionella-BCYE-Agar (mit Cystein) (BCYE+CYS)

According to ISO 11731

<b>Shorthand symbol:</b>	BCYE+CYS
<b>Item number:</b>	40-1603
<b>Format:</b>	Petri dish, 90mm
<b>Colour:</b>	Black, opaque
<b>Storage conditions:</b>	Keep away from light at constant temperature; at 4 – 25°C.
<b>Shelf-life:</b>	6 months
<b>pH:</b>	6.8 ± 0.2 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 1l Medium

Yeast extract	10
Activated charcoal	2
ACES-Buffer	10
L-Cysteine	0.4
Iron (III)-pyrophosphate	0.25
α-Ketoglutarate	1
Potassium hydroxide	2.8
Agar	13

\*Adjusted as required to meet performance standards

## Microbiological quality control

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

### Productivity

Incubation conditions: 2–5 days and 5–10 days at  $36 \pm 2^\circ\text{C}$ ; Inoculation concentration: 80–120 CFU

Organism	Type Strain	Specification	Colony morphology
Legionella pneumophila	ATCC 33152 / WDCM 00107	>50 %	White-grey-blue-violet entire colonies with a smooth edge and a characteristic milky appearance.

### Microbial Contamination

Incubation conditions:  $48 \pm 4\text{h}$  at  $30 \pm 1^\circ\text{C}$

### Specification

No microbial contamination