

## PRODUCT INFORMATION

Buffered Charcoal Yeast Extract Agar without L-Cysteine HCl is utilized qualitatively for the isolation of *Legionella* species in clinical and environmental samples. L-cysteine HCl is a required nutritional supplement for *Legionella*; therefore, growth on this medium would not be indicative of *Legionella* species.

### FORMULA\* (per Liter):

ACES Buffer.....	10.0g
Charcoal, Activated.....	2.0g
Potassium $\alpha$ -ketoglutarate.....	1.0g
Yeast Extract.....	10.0g
Agar.....	17.0g
Ferric Pyrophosphate.....	0.25g

\*Adjusted and/or supplemented as required to meet performance criteria



## BCYE AGAR W/OUT CYSTEINE Material 5024

### PHYSICAL CHARACTERISTICS:

Appearance: Prepared medium is opaque and dark gray to black with black particulates suspended

pH: 6.85 - 6.95 @25°C

### GROWTH RECOVERY:

Test Organisms	Expected Results
<i>Escherichia coli</i> ATCC® 25922	Good growth
<i>Legionella pneumophila</i> ATCC® 33152	Complete inhibition

### STORAGE AND HANDLING INSTRUCTIONS:

Store sealed sleeves inverted at 2-8°C upon receipt. Do not heat or freeze and minimize exposure to light. Plates should be warmed to room temperature prior to use - not to exceed 30°C. Product expiry is 122 days (4 months) from the date of manufacture. Reference our *Prepared Media Storage and Handling* document for additional information.

## S<sup>2</sup> Media

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