

# mEC Broth

(Enrichment medium for *E. coli* 0157)

Code	Form	Package	Storage	Shelf Life
<b>05649</b>	<b>Powder</b>	<b>300 g</b>	<b>Dry, RT</b>	<b>3 years</b>

## Directions

Suspend 36.6 g of the dehydrated medium in 1,000 mL of distilled water, mix well and heat to dissolve the medium. Distribute necessary amounts of medium into appropriate container. Sterilize by autoclaving at 121 °C for 15 minutes, and then add 20 mg of Novobiocin. Incubate at 42 °C for 18 - 24 hours.

## Remarks

The medium is used for an enrichment culture of *E. coli* 0157 in foodstuffs.

## Formula

Components	In 36.6 g/L
<b>Peptone</b>	<b>20.0 g</b>
<b>Lactose</b>	<b>5.0 g</b>
<b>Bile Salt</b>	<b>1.12 g</b>
<b>Dipotassium Phosphate</b>	<b>4.0 g</b>
<b>Potassium Dihydrogen Phosphate</b>	<b>1.5 g</b>
<b>Sodium Chloride</b>	<b>5.0 g</b>

**pH 6.9 ±**