

The logo for ClearLine is displayed in white text on a red, slanted rectangular background. The word "ClearLine" is written in a sans-serif font, with a registered trademark symbol (®) to the upper right of the "e".

Mc CONKEY BROTH

INTENDED USE

Mc CONKEY Broth is a liquid medium used for the detection of coliform bacteria in foods.

FORMULA

Ingredients in grams per liter of purified water

Peptone	20.00
Lactose	10.00
Ox bile	5.00
Bromocresol purple	0.01

Adjusted and/or supplemented as required to meet performance criteria.

STORAGE

Bottles: 2 – 8°C

Dehydrated media: 2 - 30°C

The expiration date on the product label applies to the product in its intact packaging when stored as directed.

DIRECTIONS FOR PREPARATION

For dehydrated media

1. Dissolve 35 g in 1 L of purified water. Mix thoroughly.
2. Fill tubes or bottles.
3. Autoclave for 15 minutes at 121°C.

LIMITATION OF THE PROCEDURE

This product is for laboratory use only.

QUALITY CONTROL

Physical appearance: Prepared medium is liquid, purple color.

Final pH: 7.3 ± 0.2 at 25°C

Expected Cultural Response

Organism	Inoculum CFU	Incubation	Results
<i>Escherichia coli</i> ATCC 8739 • WDCM 00012	10 ³ -10 ⁸	24 h at 30-35°C	Growth
<i>Staphylococcus aureus</i> ATCC 6538 • WDCM 00032	10 ³ -10 ⁴	24 h at 30-35°C	Inhibition

This is an example of organisms routinely used for testing

REFERENCE

1. MacConkey A. T., 1900, The Lancet, ii: 20.