



EE MOSSEL BROTH

INTENDED USE

Brain Heart Infusion Broth is a liquid medium used for the selective enrichment of *Enterobacteriaceae* in foods.

FORMULA

Ingredients in grams per liter of purified water

Peptone of gelatin	10.00
Dextrose	5.00
Ox bile	20.00
Potassium phosphate, monobasic	2.00
Sodium phosphate, dibasic	8.00
Brilliant green	0.015

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

STORAGE

Tubes and 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 45 g in 1 L of purified water. Mix thoroughly.
2. Fill tubes or bottles.
3. **Boil at 100°C for 30 minutes** to completely dissolve the medium. **DO NOT AUTOCLAVE.**
4. Cool rapidly.

LIMITATION OF THE PROCEDURE

This product is for laboratory use only.

QUALITY CONTROL

Physical appearance: Prepared medium is liquid, green color.

Final pH: 7.2 ± 0.2 at 25°C

Expected Cultural Response

Organism	Inoculum CFU	Incubation	Results
<i>Escherichia coli</i> ATCC 8739 • WDCM 00012	10-10 ²	24 h at 30-35°C	Growth
<i>Pseudomonas aeruginosa</i> ATCC 9027 • WDCM 00026	10-10 ²	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. ISO 21528-1:2017. Microbiology of the food chain - Horizontal method for the detection and enumeration of *Enterobacteriaceae* - Part 1: Detection of *Enterobacteriaceae*.