

The logo for ClearLine, featuring the brand name in a white, sans-serif font on a red, slanted rectangular background.

LETHEEN BROTH

INTENDED USE

Lethen (LEciTHine + twEEN) broth is used for evaluating the bactericidal activity of quaternary ammonium compounds and/or for determining the phenol coefficient of cationic surface-active materials.

FORMULA

Ingredients in grams per liter of purified water

| | |
|-----------------|-------|
| Tryptone | 10.00 |
| Meat extract | 5.00 |
| Sodium chloride | 5.00 |
| Polysorbate 80 | 5.00 |
| Lecithin | 0.70 |

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

STORAGE

Tubes and bottles: 2 - 25°C

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

LIMITATION OF THE PROCEDURE

This product is for laboratory use only.

QUALITY CONTROL

Physical appearance: liquid clear to slight opalescence, yellow color

Final pH: 7.0 ± 0.2 at 25°C

Expected Cultural Response

| Organism | Inoculum CFU | Incubation | Results |
|--|--------------------------------|-----------------------|---------|
| <i>Escherichia coli</i> ATCC 8739 - WDCM 00012 | 10 ⁻¹⁰ ² | 24-48 h at 36°C ± 1°C | Growth |
| <i>Staphylococcus aureus</i> ATCC 6538 - WDCM 00032 | 10 ⁻¹⁰ ² | 24-48 h at 36°C ± 1°C | Growth |

This is an example of organisms routinely used for testing

BIBLIOGRAPHIE

1. Horwitz, W. 2000. Official Methods of Analysis. AOAC International. Gaithersburg, MD. USA.
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3. American Society for Testing Materials. Standard test method for preservatives in water-containing cosmetics. 1991. E: 640-78. Annual Book of ASTM Standards, Philadelphia, PA