**Reference:** 600621ZA **Technical Data Sheet**

**Product:** **Mueller Hinton Broth (CAMHB)**

## Specification

Liquid version of the agar, recommended for studies of antibiotic MIC (Minimum Inhibitory Concentration).

## Presentation

| | Packaging Details | Shelf Life | Storage |
|---|---|---|---|
| 20 Tubes<br>Tube 16 x 113 mm<br>with: 10 ± 0.3 ml | 16x113 mm glass tubes, ink labelled, metal-Non injectable cap. - 20 tubes per box | 12 months | 2-25 ºC |

## Composition

Composition (g/l):
Beef dehydrated infusion..... 2.00
Casein Hydrolysate Peptone.....17.50
Starch..... 1.50
Ca++..... 0.02
Mg++..... 0.01

## Description /Technique

Mueller Hinton Broth may be used for inoculum preparation for MIC tests and for preparation of antimicrobial dilutions for the microdilution or macrodilution procedure.

Note: For S. pneumoniae, use the medium with Lysed Horse Blood.

## Quality control

**Physical/Chemical control**

Color : Pale yellow pH: 7.3 ± 0.2 at 25ºC

**Microbiological control**

≤100 CFU. Min. 50 CFU (Productivity)

Analytical methodology according to ISO 11133:2014/A1:2018; A2:2020.

Aerobiosis. Incubation at 37 ± 1 ºC, reading after 21 ± 3 h

| Microorganism | Growth |
|---|---|
| *Escherichia coli ATCC® 25922, WDCM 00013* | Good |
| *Enterococcus faecalis ATCC® 29212, WDCM 00087* | Good |
| *Ps. aeruginosa ATCC® 27853, WDCM 00025* | Good |
| *Stph. aureus ATCC® 25923, WDCM 00034* | Good |
| *Escherichia coli ATCC® 35218* | Good |

**Sterility Control**

Incubation 48 h at 30-35 ºC and 48 h at 20-25 ºC: NO GROWTH.
Check at 7 days after incubation in same conditions.

## Bibliography

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