

Specification

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

Formula * in g/L

Peptone..... 17.50
 Starch..... 1.50
 Meat infusion solids..... 2.00

Final pH 7,3 ±0,1 at 25 °C

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

Directions

Add 21 g of powder to 1 L of distilled water and dissolve completely. Distribute in suitable containers. Sterilize in the autoclave at 121°C for 15 minutes.

Quality control

Incubation temperature: 37 °C ±1.0 **Incubation time:** 21± 3h

Inoculum: ≤100 CFU. Min. 50 CFU (Productivity)

Microorganism	Growth	Remarks
<i>Staphylococcus aureus</i> ATCC® 25923	Good	-
<i>Escherichia coli</i> ATCC® 25922	Good	-
<i>Pseudomonas aeruginosa</i> ATCC® 27853	Good	-
<i>Escherichia coli</i> ATCC® 35218	Good	-
<i>Enterococcus faecalis</i> ATCC® 29212	Good	-

References

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- CLSI (2006) Document M6-A2. Protocols for evaluating dehydrated Mueller-Hinton Agar: Approved Standard. 2nd ed. Clinical and Laboratory Standards Institute. Pennsylvania. USA.
- CLSI (2006) Document M2-A9. Performance standards for antimicrobial disk susceptibility tests: Approved Standard. 9th ed. Clinical and Laboratory Standards Institute. Pennsylvania. USA.
- ERICSSON & SHERRIS (1971) Acta Pathol. Microbiol. Scand Suppl 217 p:90.
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- MUNRO, S., (1995) Disk Difusión Susceptibility Testing, in Clinical Microbiology Procedures Handbook, H.D. Isenberg (ed) APHA. Washington. DC. USA.
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Storage

For laboratory use only. Keep tightly closed, away from bright light, in a cool dry place (+4 °C to 30 °C).