

SUSPENSION BROTH

Nutrient broth for Sensi Test use.

TYPICAL FORMULA (g/L)

Tryptone	10.0
Sodium Chloride	10.0
Final pH 7.5 ± 0.2	

DESCRIPTION

SUSPENSION BROTH is a nutrient broth for Sensi Test use.

PRINCIPLE

Tryptone supports good growth of bacteria providing amino acids and proteins while sodium chloride maintains the osmotic balance of the medium.

TECHNIQUE

Prepare a bacterial suspension of opacity equivalent to that of the standard 0.5 McFarland, taking one or more morphologically similar, well-isolated, colonies from a solid culture medium and suspending them in 5 ml of SUSPENSION BROTH or in 5 ml of PHYSIOLOGICAL SOLUTION (code 20095).

Take a vial of the Suspension Medium contained in the kit.

Transfer 0.01 ml of bacterial suspension in SUSPENSION BROTH (code 20089) into the vial of Suspension Medium contained in the kit and distribute 0.2 ml (4 drops) into each well of the system

Cover the system with the lid provided and incubate at $36^{\circ}\text{C} \pm 1^{\circ}\text{C}$ for 18-24 hours.

STORAGE

$2-8^{\circ}\text{C}$ away from light, until the expiry date on the label or until signs of deterioration or contamination are evident.

WARNING AND PRECAUTIONS

The product is not classified as hazardous by current legislation and does not contain harmful substances in concentrations of $\geq 1\%$. The product is designed for *In vitro* diagnostic use and must be used only by properly trained operators.

DISPOSAL of WASTE

Disposal of waste must be carried out according to the national and local regulations in force.

REFERENCES

1. NCCLS - Performance Standards for antimicrobial Susceptibility Testing, fourteen Informational Supplement- January 2004, Vol 24 N°1.
2. NCCLS -Methods for Dilution Antimicrobial Susceptibility tests for Bacteria that grow aerobically; Approved Standard – Sixth Edition (2003).
3. Bauer, A.W., W.M.M. Kirby, J.C. Sherris and M. Turk. 1966. Antimicrobial susceptibility testing by a standardized single disk method. AM. J. Clin. Pathol. 45:493-496.
4. Dati di archivio Liofilchem s.r.l. "SENSI TEST GRAM NEGATIVE" (Aprile 2003).



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PRODUCT SPECIFICATION

NAME

SUSPENSION BROTH

PRESENTATION

Glass tubes containing 5 mL of medium.

STORAGE

2-8°C

PACKAGING

Code	Content	Packaging
20089	20 tubes x 5 ml	20 tubes in cardboard box

pH OF THE MEDIUM

7.5 ± 0.2

USE

SUSPENSION BROTH is a nutrient broth for Sensi Test use.

TECHNIQUE

Refer to technical sheet of the product.

APPEARANCE OF THE MEDIUM

Clear, light amber medium.

SHELF LIFE






2 years.

QUALITY CONTROL

- Control of general characteristics, label and print
- Sterility control
 - 2 days at 20 ± 2°C, in aerobiosis
 - 1 day at 36 ± 1°C, in aerobiosis
- Microbiological control
 - Inoculum for productivity: 10-100 UFC/ml
 - Incubation conditions: 18-24 h at 36±1°C

Microorganism		Growth
<i>Enterococcus faecalis</i>	ATCC 19433	good
<i>Streptococcus pyogenes</i>	ATCC 19615	good
<i>Escherichia coli</i>	ATCC 25922	good
<i>Staphylococcus aureus</i>	ATCC 25923	good

TABLE of SYMBOLS

IVD In vitro Diagnostic Medical Device	LOT Batch code	 Manufacturer	 Contains sufficient for <n> tests
REF Catalogue number	 Temperature limitation	 Use by	 Caution, consult accompanying documents



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