



TRYPTOSE BROTH

Medium for fastidious bacteria cultivation.

TYPICAL FORMULA (g/l)

Tryptose.....	20.0
Sodium Chloride.....	5.0
Glucose.....	1.0
Final pH 7.2 ± 0.2	

DESCRIPTION

TRYPTOSE BROTH is a general use medium for isolation, cultivation and maintenance of a large variety of pathogenic bacteria, including streptococci, pneumococci, meningococci; furthermore it allows *Brucella spp* cultivation and isolation.

PRINCIPLE

Tryptose is a source of nitrogen and carbon. Glucose is a source of energy easily available for microorganisms. Sodium chloride maintains the osmotic balance of the medium.

PREPARATION

Check the content of the bottle is homogeneous and clear; if it is the case repeatedly turn the bottle upside down. Tryptose Broth can be used as it is or aseptically subdivided into smaller parts.

TECHNIQUE

1. Before use keep the bottles of Tryptose Broth at room temperature or at 36+/-1 °C.
2. Open the bottles immediately before inoculating.
3. Inoculate the specimen using a sterile loop.
4. Incubate at 36+/-1 °C for 24 hours.

INTERPRETATION OF RESULTS

Turbidity in the broth is the sign of bacterial growth.

STORAGE

10-25 °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 ≥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 national and local regulations in force.

REFERENCES

1. Huddleson (1943). *Brucellosis in man and animals*, rev. ed. The Commonwealth Fund. New York, N.Y.
2. Casteñada (1947) *Proc. Soc. Exp. Biol. Med.* 64: 114.
3. McCullough, Mills, Herbst, Roessler and Brewer (1947). *J. Bacteriol.* 53: 5.



Liofilchem s.r.l Bacteriology Products

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PRODUCT SPECIFICATIONS

NAME

TRYPTOSE BROTH

PRESENTATION

Glass bottles containing 100 ml of broth.

PACKAGING

Code	Content	Packaging
402070	6 bottles x 100 ml	6 bottles in cardboard box

pH OF THE MEDIUM

7.2 ± 0.2

USE

TRYPTOSE BROTH is a general use medium for isolation, cultivation and maintenance of a large variety of pathogenic bacteria, including streptococci, pneumococci, meningococci; furthermore it allows *Brucella spp* cultivation and isolation.

TECHNIQUE

Refer to technical sheet of the product.

APPEARANCE OF THE MEDIUM

Light amber, clear without precipitates.

SHELF LIFE










2 years

QUALITY CONTROL

- Control of general characteristics, label and print
- Sterility control
7 days at 25 ± 1 °C, in aerobiosis
7 days at 36 ± 1 °C, in aerobiosis
- Microbiological control
Inoculum for productivity: 10-100 UFC/ml
Incubation conditions: 24 h at 36 ± 1 °C

Microorganism		Growth
<i>Neisseria meningitidis</i>	ATCC 13090	Good
<i>Enterococcus faecalis</i>	ATCC 19433	Good
<i>Streptococcus pyogenes</i>	ATCC 19615	Good

TABLE of SYMBOLS

Symbol	Meanings
	<i>In vitro</i> Diagnostic Medical Device
	Manufacturer
	Catalogue number
	Use by
	Temperature limitation
	Do not reuse
	Kit content
	Consult accompanying documents
	Batch code

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