

Technical Data Sheet

CE Standard I Nutrient Broth

Ordering number: 1.07882.0500

These culture media are suitable for the cultivation of fastidious bacteria; after addition of blood, ascites fluid or serum they can also be used to cultivate *streptococci*, *pneumococci* and *erysipelas* organisms etc. They are employed for the enumeration, isolation and enrichment of bacteria and also as high-grade bases for preparing special culture media.

Standard I Nutrient Broth is a nonselective medium, useful in routine cultivation of microorganisms.

VD in vitro diagnosticum - For professional use only

Typical Composition

Peptones	15 g/l
Yeast Extract	3 g/l
NaCl	6 g/l
D(+)-Glucose	1 g/l

Preparation

Suspend 25 g/l. Autoclave 15 min at 121 °C.

The appearance of the prepared media is clear and yellowish-brown.

The pH value at 25 °C is in the range of 7.3-7.7.

Experimental Procedure and Evaluation

Depend on the purpose for which the media are used.

Incubation: 24 h at 35 °C aerobically.

Storage

Usable up to the expiry date when stored dry and tightly closed at +15 to +25 °C. Protect from light.

After first opening of the bottle the content can be used up to the expiry date when stored dry and tightly closed at +15 to +25 °C.

Specimen

e.g. Blood.

Clinical specimen collection, handling and processing. See general instructions of use.

Quality Control

Control Strains	ATCC #	Inoculum CFU	Incubation	Expected Results
<i>Escherichia coli</i>	25922	10-100	24 h at 35 °C	Growth good to very good
<i>Staphylococcus aureus</i>	25923	10-100	24 h at 35 °C	Growth good to very good
<i>Staphylococcus aureus</i>	6538	10-100	24 h at 35 °C	Growth good to very good
<i>Staphylococcus epidermidis</i>	12228	10-100	24 h at 35 °C	Growth good to very good
<i>Streptococcus pyogenes</i>	12344	10-100	24 h at 35 °C	Growth good to very good
<i>Streptococcus pneumoniae</i>	6301	10-100	24 h at 35 °C	Growth good to very good
<i>Listeria monocytogenes</i>	19118	10-100	24 h at 35 °C	Growth good to very good
<i>Shigella flexneri</i>	12022	10-100	24 h at 35 °C	Growth good to very good
<i>Enterococcus faecalis</i>	11700	10-100	24 h at 35 °C	Growth fair to good

Please refer to the actual batch related Certificate of Analysis.

Ordering Information

Product	Cat. No.	Pack size
Standard I Nutrient Broth	1.07882.0500	500 g

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