

Standard I Nutrient Broth

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.



*in vitro diagnosticum –
For professional use only*



Principle

Microbiological method

Typical Composition (g/litre)

Peptones 15.0; yeast extract 3.0; sodium chloride 6.0;
D(+)glucose 1.0.

Preparation and 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.

Suspend 25 g Standard I Nutrient Broth/litre, autoclave (15 min at 121 °C).

pH: 7.5 ± 0.2 at 25 °C.

The prepared media are clear and yellowish-brown.

See also *General Instruction of Use*
Warnings and precautions see *ChemDAT®*
(www.chemdat.info)

Specimen

e.g. Blood .

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

Experimental Procedure and Evaluation

Depend on the purpose for which the media are used.

Incubation: 24 h at 35 °C aerobically.

Ordering Information

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

Quality control

Test strains	Growth
Staphylococcus aureus ATCC 25923	good / very good
Streptococcus pyogenes ATCC 12344	good / very good
Streptococcus pneumoniae ATCC 6301	good / very good
Listeria monocytogenes ATCC 19118	good / very good
Erysipelothrix rhusiopathiae ATCC 19414	fair / good
Escherichia coli ATCC 25922	good / very good
Shigella flexneri ATCC 12022	good / very good