

Tryptic Soy Broth (TSB) non animal origin

Universal culture medium free from inhibitors and indicators for a wide spectrum of applications. The Peptones used in the broth are from non animal origin. It conforms with the requirements of the pharmaceutical industry and biotechnology.

General Information

The medium comply with the recommendations of USP XXVI (2003), EP (2003) and the German Edition of Ph.Eur. (1999). The microbiological performance of the Tryptic Soy Broth (TSB) non animal origin complies with the classical CASO Broth (TSB).

Typical Composition (g/litre)

Peptone non animal origin 20.0; D(+)-Glucose monohydrate 2.5; Sodium chloride 5.0; di-potassium hydrogen phosphate 2.5

Preparation

Suspend 30 g in 1 litre of demin. water, autoclave (15 min. at 121 °C).

pH: 7.3 ± 0.2 at 25 °C.

The prepared medium is clear and yellowish-brown.

Experimental Procedure and Evaluation

Depend on the purpose for which the medium is used.

Incubation: 24 hours at 35 °C aerobically, for up to 7 days for the sterility-test at room-temperature.

Literature

Deutsches Arzneibuch, 10. Auflage; European Pharmacopeia II, United States Pharmacopeia XXVI

Ordering Information

Product	Ordering No.	Pack size
Tryptic Soy Broth (TSB) non animal origin	1.00525.5000	5 kg

Quality control (Inoculum approx. 10 – 100 microorganisms)

Test strains	Growth
Incubation 24 h at 35 °C	
Escherichia coli ATCC 8739	+
Staphylococcus aureus ATCC 6538	+
Streptococcus pneumoniae ATCC 6301	+
Bacillus subtilis ATCC 6633	+
Pseudomonas aeruginosa ATCC 9027	+
Salmonella typhimurium ATCC 14028	+
Incubation 3 days at 20 - 25 °C	
Staphylococcus aureus ATCC 6538	+
Staphylococcus aureus ATCC 25923	+
Staphylococcus epidermidis ATCC 12228	+
Bacillus subtilis ATCC 6633	+
Incubation 5 day at 20 - 25 °C	
Candida albicans ATCC 2091	+
Candida albicans ATCC 10231	+
Aspergillus niger ATCC 16404	+