

TRYPTIC SOY BROTH

Ready to use tubes

INTENDED USE

Ready to use general growth medium for cultivation of microorganisms.

TYPICAL FORMULA (g/l)

Pancreatic Digest of Casein	17.0
Soy Peptone	3.0
Sodium Chloride	5.0
Dipotassium Hydrogen Phosphate	2.5
Glucose	2.5

Final pH 7.3 ± 0.2

DESCRIPTION

Tryptic Soy Broth is multipurpose medium that supports the growth of a wide variety of microorganisms, including the fastidious ones. The formulation meets the requirements of Soybean-Casein Digest Medium described by USP and EP.

Because of their nutritional characteristics, absence of inhibitors, and the possibility of supplementation with several compounds, this liquid medium is useful for the cultivation of fastidious microorganisms for maintaining stock cultures and for the biotechnological preparation.

Tryptic Soy Broth is recommended by USP and EP for the sterility test at 22-25°C of pharmaceutical products.

TECHNIQUE

Inoculate the medium as soon as possible after specimen has been collected. Incubate with caps loosened in the appropriate atmosphere and incubation temperature, for 18-24 hours, or up to 7 days. The experimental procedure depends on the purpose for which the medium is used. Refer to the various compendia for the details of the procedures.

LIMITATION

It is recommended that biochemical and/or serological tests be performed on colonies from pure culture for complete identification

STORAGE

Store at 2-8° away from direct light - When stored as directed the tubed media remain stable until the expiry date shown on the label. Do not use beyond stated expiry date. Media should not be used if there are any signs of deterioration, discoloration or contamination.

PRECAUTIONS

For *in vitro* diagnostic use only. Observe approved biohazard precautions and aseptic techniques. To be used only by adequately trained and qualified laboratory personnel. Sterilize all biohazard waste before disposal.

REFERENCES

- European Pharmacopoeia, 3rd ed. 2001 Supplement
- U.S. Pharmacopoeia 24, NF 19 (2000)

PACKAGING

552155	Tryptic Soy Broth	20 x 9 ml ready to use tubes
522155P	Tryptic Soy Broth	24 x 4 ml ready to use tubes