

TSB

Product: TSB (Tryptic Soy Broth)

Catalogue Number: i23189

Content: 500 g

Use: Tryptic Soy Broth (TSB) is a general purpose medium used in qualitative procedures for the cultivation of fastidious and nonfastidious microorganisms from a variety of clinical and nonclinical specimens.

Principle: Enzymatic digests of casein and soybean provide amino acids and other complex nitrogenous substances. Dextrose is an energy source. Sodium chloride maintains the osmotic equilibrium. Dibasic potassium phosphate acts as a buffer to control pH.

Composition g / l:

Pancreatic digest of casein	17.000
Papaic digest of soyabean meal	3.000
Sodium chloride	5.000
Dextrose(Glucose)	2.500
Dipotassium hydrogen phosphate	2.500

Dehydrated Appearance: Light beige, free-flowing.

Solution: 3.0% solution, soluble in purified water upon warming. Solution is light, tan to yellow, clear to slightly hazy.

Prepared Appearance: Light, tan to yellow, clear to slightly hazy.

pH at 25 °C: 7.3 ± 0.2

Storage: Store at 15-30°C in tightly closed container and the prepared medium at 2 - 8°C. Use before expiry date on the label

Shelf life: If stored under recommended conditions the unopened container has a shelf-life of 3 years after day of production (see expiry date on the label).