

TRYPTIC SOY BROTH(TSB; Catalog# TBS8065-500mL)*Liquid Microbial luxuriant growth medium for Bacteria and Fungi***DESCRIPTION**

Tryptic Soy Broth (TSB) is a general-purpose medium used for the cultivation of a variety of fastidious and non-fastidious microorganisms.

Tryptic Soy Broth was initially developed for sensitivity testing of pneumococci to sulfonamides. Our standard formulation is prepared according to the United States Pharmacopeia (USP) and is recommended for numerous applications by several regulatory bodies including the Association of Official Analytical Chemists (AOAC), the United States Department of Agriculture (USDA), the American Public Health Association (APHA), and the Canadian Food Inspection Agency (CFIA).

Tryptic Soy Broth is a highly nutritious medium used for the cultivation of aerobes and facultative anaerobes, and some fungi. The nutritive components include pancreatic digest of casein and papaic digest of soybean meal. Dextrose is a carbohydrate that acts as a carbon, energy source. Sodium chloride provides an isotonic environment for bacteria while dipotassium phosphate helps to maintain a stable pH.

We offer a variety of microbial cultural medium for a range of bacterial and fungus culture applications.

PACK SIZE

1x500 mL/bottle, Store at 2-8°C °C in dark till use.

COMPOSITIONS

Ingredients	Concentration (g/L)
Tryptone	17.0
Soytone	3.0
NaCl	5.0
K ₂ HPO ₄	2.5
D-Glucose (Dextrose)	2.5

RELATED PRODUCTS

MSC Medium (TBS8021)
Chondrogenic Differentiation Medium (TBS8062)
RPMI16040 Medium (TBS8063)
ESC/iPSC-qualified FBS (TBS8002) Adipocyte
Differentiation Cocktail (TBS8017)
0.1% Gelatin Solution (TBS8004)
1.25M Calcium Chloride (TBS5071)
2.5M Calcium Chloride (TBS5072)
2x HBS, pH7.05 (TBS5076)
Cell Culture Grad Water (TBS5050) LB Medium
(TBS8056)
SOB Medium (TBS8057)
SOC Broth Medium (TBS8058)
2xYT Broth Medium (TBS8059)

Research use only.