

10% Trehalose Solution

Catalog	Unit Size
TBS8078-100ML	100 mL
TBS8078-500ML	500 mL
TBS8078-1L	1 L

DESCRIPTION

Trehalose dihydrate is a non-reducing disaccharide widely used in the formulation of biologic drugs as a stabilizing agent. It functions by protecting biomolecules such as proteins and antibodies from aggregation and degradation during manufacturing, purification, and storage. Due to its low bioburden and endotoxin levels, 10% Trehalose solution is especially suitable for biological applications.

Alternative names: Trehalose, Dihydrate, D-(+)-Trehalose dihydrate, α,α -Trehalose, α -D-Glucopyranosyl- α -D-glucopyranoside

SPECIFICATION

- Form: Liquid
- Sterility: 0.2 μ m filtered
- Concentration: 10%

APPLICATION

- Used as a stabilizing agent in the formulation of biomolecules and biologic drugs.
- Preserves proteins and cells during cryopreservation and fermentation processes
- Maintains cell integrity and function under stress conditions

PACK SIZE

100 mL, 500 mL or 1L /bottle

STORAGE

The product can be stored at room temperature from the date of manufacture for 12 months.

RELATED PRODUCTS

Cell Culture Grad Water (TBS5050)
2x HBS, pH7.05 (TBS5076)
0.1% Gelatin Solution (TBS8004)
MSC Medium (TBS8021)
MCF-7 Cell Complete Medium (TBS8047)
LB Medium (TBS8056)
SOB Medium (TBS8057)
SOC Broth Medium (TBS8058)
2xYT Broth Medium (TBS8059)
Tryptic Soy Broth (TSB) Medium (TBS8065)
Modified Tryptic Soy Broth (mTSB) Medium (TBS8066)
DMEM Medium (TBS8061)
Chondrogenic Differentiation Medium (TBS8062)
RPMI-1640 (TBS8063)
Hybridoma Growth Medium (TBS8074)
DMEM-F12 Mixture (TBS8083)
Collagen Type I Solution (TBS8096)
a, a-Trehalose dihydrate (TBS0011)

Research Use Only