

10% Mannitol Solution (TBS8115)

Catalog	Unit Size
TBS8115	100 ml
TBS8115	500 ml

Description

Tribio Mannitol Solution is an isotonic, non-toxic sugar alcohol solution commonly used for protein stabilization, and as a component of buffer systems. This solution formulated at a 10% concentration, providing an optimal balance between osmotic effects and solubility. It is well suited for a wide range of biological and biochemical experiments, ensuring reliable and consistent performance.

Application

- Osmotic protection of cells during experimental manipulation.
- Protein stabilization and cryoprotection.
- Laboratory research requires moderate osmotic strength without high crystallization risk.

Main Features

- Ready-to-use.
- Clear, stable, and easy to handle.

Procedure

1. Bring the solution to room temperature before use.
2. Use directly in experiments requiring moderate osmotic strength.
3. For use in buffers or other formulations, dilute or adjust pH as necessary.
4. Filter sterilization (0.22 µm) recommended if intended for sensitive cell culture or protein experiments.
5. Discard any unused solution if precipitation occurs or solution becomes cloudy.

Storage

- Store at room temperature.

Relative Products

TBS2005	Protein Assay Kit
TBS5001	Protein Lysis Buffer
TBS5003-0	1xPBS
TBS5011-10	10 x PBST
TBS5008	TBS
TBS5008T	TBST
TBS5037	Urea Solution (8M)
TBS5038	Ammonium Sulfate Solution
TBS5040	0.5M EDTA Solution
TBS5041	MOPS Buffer
TBS5048	2% BSA in PBS
TBS5049-2	2% BSA in TBST
TBS5049-5	5% BSA in TBST
TBS5057	0.1% BSA ELISA Assay Buffer
TBS5077	Antigen retrieval Citrate Solution-pH6.0
TBS8024	MCF10 Cell Complete Medium
TBS8027	EMEM with L-Glutamine
TBS8030	McCoy's 5A Medium
TBS8031	30% BSA Solution in DPBS
TBS8047	MCF-7 Cell Complete Medium
TBS8056	LB Medium
TBS8057	SOB Medium
TBS8058	SOC Medium
TBS8059	2x YT Medium
TBS8060	Terrific Broth (TB) Medium
TBS8061	DMEM-high Glucose Medium

This product is for research use only.