

MES Buffer (0.5 M, pH 6.5) (TBS8121)

Catalog
TBS8121

Unit Size
100 ml

Description

Tribio MES Buffer (0.5 M, pH 6.5) is a high-quality, ready-to-use biological buffer solution prepared using 2-(N-morpholino) ethanesulfonic acid (MES). It is commonly used in biochemical and molecular biology applications due to its excellent buffering capacity in the pH range of 5.5–6.7. This buffer exhibits minimal interference with biochemical reactions and maintains stable pH under experimental conditions.

Synonyms

MES buffer, MES solution, MES buffering system, Good's buffer.

Application

- Cell culture and biological assays.
- Protein purification and enzyme reactions.
- Buffering systems in molecular biology experiments.
- Preparation of reagents requiring stable mildly acidic pH.
- Use in electrophoresis and chromatography protocols.

Properties

Concentration:	0.5 M
pH:	6.5
Form:	Liquid
Sterility:	Sterile filtered
Storage:	Store at room temperature (20-25°C).

Main Features

- High buffering capacity in the physiological acidic range.
- Low metal binding and minimal biological reactivity.
- Ready-to-use solution for convenience and consistency.

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.