

Tris-MOPS-SDS Electrophoresis Buffer, 1X, Powder – Instruction Manual

Catalogue Information

Catalogue No.	Product Name	Pack Size
WS BL1685A	Tris-Glycine-SDS Electrophoresis Buffer, 1X, Powder, 1L	1 x 1 L sachet
WS BL1685A-010	Tris-Glycine-SDS Electrophoresis Buffer, 1X, Powder, 10 L	10 x 1 L sachet

Product Description

Tris-MOPS-SDS Running Buffer is a commonly used buffer for protein electrophoresis in biological laboratories. It is suitable for general SDS-PAGE protein electrophoresis, particularly for Bis-Tris gel systems, and is used together with Bis-Tris gels. It is ideal for the separation of medium to high molecular weight proteins. This product is provided as an off-white to light yellow fine powder, convenient for storage and easy to use.

Composition

Component	Final Concentration (1×)
Tris Base	50 mM
MOPS	50 mM
EDTA	1 mM
SDS	0.1%

Instructions for Use

1. Add approximately 600 mL of distilled water into a beaker, and slowly pour in one pouch of Tris-MOPS-SDS Running Buffer (1×, powder)
2. Mix thoroughly until completely dissolved.
3. Add distilled water to bring the total volume to 1 L to obtain 1× Tris-MOPS-SDS Running Buffer.

The pH of the prepared 1× buffer is 7.7 ± 0.2 (25 °C)

Notes

1. This product is for research use only by professionals. Not for clinical diagnostic, therapeutic, food, or drug use.
2. For safety and health, wear lab coat and disposable gloves when using.

Storage and Stability

1. Store at room temperature
2. Stable for two years under recommended storage conditions

Notice

For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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