

Tris-Mops-SDS Electrophoresis Buffer Powder

Product Code: BR00008

Size: 5×500 mL / 10×500 mL

◆ Product Introduction

Tris-MOPS Electrophoresis Buffer is suitable for electrophoresis with Bis-Tris system gels. BR00008 is used for denaturing electrophoresis (SDS-PAGE).

This product is supplied in powder form, and each sachet can be reconstituted to prepare 500mL of 1× working solution.

◆ Storage Conditions

Store at room temperature with a 2-year shelf life.

◆ Operating Procedures (For Reference Only)

1. Take one sachet of powder (sufficient to prepare 500mL of electrophoresis buffer), pour it into a clean beaker, add approximately 400mL of distilled water, and stir to dissolve.
2. Transfer the solution to a graduated cylinder and bring the volume up to 500mL with distilled water; this is the 1× working solution.
3. Mix well before use.
4. Unused electrophoresis buffer can be stored at room temperature for 2-3 days, or at 4°C for 1-2 weeks.

◆ Precautions

1. The prepared 1× working solution should be used within 2 weeks. (Sealed storage can extend the shelf life to 1 month.)
2. For scientific research use by professionals only. Not intended for clinical diagnosis, treatment, food, or pharmaceutical applications. Do not store in residential areas.
3. For your safety and health, wear appropriate personal protective equipment (PPE) and clothing during operation.
4. Reuse of the electrophoresis buffer is not recommended. After electrophoresis, the ionic strength and buffering capacity of the buffer will change, which may affect the electrophoresis results.