



## Tris-MES-SDS

Catalog No.: 2802-005 Size: 5 bags

### Storage Condition

Store at room temperature for three years

### Components

| Component    | Size   |
|--------------|--------|
| Tris-MES-SDS | 5 bags |

⚠ Note: pH is  $7.0 \pm 0.2$  @  $25^\circ\text{C}$  when made to  $1\times$  solution.

### Description

Tris-MES-SDS (hereinafter referred to as MES) appears as white to off-white instant granules. Each bag makes 1 L of  $1\times$  MES solution conveniently with a simple procedure. MES is composed of Tris, MES, EDTA and SDS.  $1\times$  MES contains 50 mM Tris, 50 mM MES, 1 mM EDTA and 0.1% SDS.

MES buffer is a protein gel electrophoresis buffer commonly used in biology labs that is suitable for normal SDS-PAGE of proteins. It is especially good for SDS-PAGE with the Bis-Tris buffer system. With Bis-Tris based protein gels, it provides good electrophoresis results of small to medium molecular weight proteins.

### Method

1. Put magnetic stirring beads and ~600 ml distilled water into a beaker.
2. While stirring, slowly pour the whole contents from 1 bag of MES into the beaker; wait until everything is dissolved.
3. Add distilled water to bring the volume to 1 L and  $1\times$  solution is made.

### Buffer making procedure using the RTU instant granules

