

Tris-MES-SDS

REF: CP17204M

Storage Condition

Store at room temperature for three years

Components

Component	CP17204M
Tris-MES-SDS	50 Pouches

⚠ Note: pH is 7.0±0.2@25°C when made to 1× solution.

Description

Tris-MES-SDS (hereinafter referred to as MES) appears as white to off-white instant granules. Each pouch makes 1 L of 1× MES solution conveniently with a simple procedure. MES is composed of Tris, MES, EDTA and SDS. 1× 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 pouch of MES into the beaker; wait until everything is dissolved.
3. Add distilled water to bring the volume to 1 L and 1× solution is made.

Buffer making procedure using the RTU instant granules

