

## Tris-MOPS-SDS

REF: CP17205M

### Storage Condition

Store at room temperature for three years

### Components

Component	CP17205M
Tris-MOPS-SDS	50 Pouches

⚠ Note: pH is 7.7±0.2@25°C when made to 1× solution

### Description

Tris-MOPS-SDS (hereinafter referred to as MOPS) appears as white to pale yellow instant granules. Each pouch makes 1 L of 1× MOPS solution conveniently with a simple procedure. MOPS is composed of Tris, MOPS, EDTA and SDS. 1×MOPS contains 50 mM Tris, 50 mM MOPS, 1 mM EDTA and 0.1% SDS.

MOPS 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 PAGE with the Bis-Tris buffer system. With Bis-Tris based protein gels, it provides good electrophoresis results of medium to large 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 MOPS 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

