

## Tris-MOPS-SDS Buffer [1x; powder sachets]

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Tris-MOPS-SDS (hereinafter referred to as MOPS) appears as white to pale yellow instant granules. Each pouch makes 1 L of 1x MOPS solution conveniently with a simple procedure. MOPS is composed of Tris, MOPS, EDTA and SDS. 1x MOPS contains 50mM Tris, 50mM MOPS, 1mM 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 ~600mL 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 1x solution is made**

Catalog No.	503104
Size	10 x 1L / Size1 / WSP
Product Category	SDS-PAGE Buffer & Stain
Storage/Stability	Ambient/1 year
Shipping	Ambient