

## Product information

SMOChem™ Series

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**1X MOPS-SDS Running Buffer Powder**

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**BF2000** 5 packs (For 5000 mL)

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## Storage

Room Temperature for 24 months

## Description

1X MOPS-SDS Running Buffer Powder is used for electrophoresis on Q-PAGE™ Bis-Tris Precast Gel or polyacrylamide gels in Bis-Tris buffer system. It is convenient and universal for electrophoresis in Bis-Tris buffer system.

## General specifications

|                                   |  |
|-----------------------------------|--|
| Buffer Type:                      | Tris-MOPS-SDS running Buffer   |
| Form                              | Powder   |
| Formulation:<br>(For 1X solution) | 50mM Tris Base, 50mM MOPS, 0.1% SDS, 1mM EDTA                                |
| Concentrated                      | 1X   |
| Product Size:                     | 5 packs  |
| Gel Compatibility:                | Q-PAGE™ Bis-Tris Precast Gel or polyacrylamide gel in Bis-Tris buffer system |
| Shipping Condition:               | Room temperature   |
| Regulatory Statement:             | For Research Use Only. Not for use in diagnostic procedures.                 |

## **Preparation for use**

Reconstitute 1 pouch of buffer powder with 1000 ml deionized water to make 1X running buffer. The pH of the buffer will be around 7.7 and no pH adjustment is required.

## **Applications**

Tris-MOPS-SDS Running Buffer has been used as a running buffer for sodium dodecyl sulfate-polyacryamide gel electrophoresis (SDS-PAGE) in Bis-Tris buffer system. As compared with MES buffer, this buffer is suitable for separating large and medium-sized proteins.

The latest version of the manual can be downloaded from [www.smobio.com/shop](http://www.smobio.com/shop).

For research use only  
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