

Certificate of Analysis

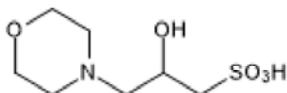
www.tocris.com**Product Name:** MOPSO, free acid**Catalog No.:** 5888**Batch No.:** 3

CAS Number: 68399-77-9

EC Number: 269-989-6

IUPAC Name: 3-Morpholino-2-hydroxypropanesulfonic acid

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₇H₁₅NO₅S**Batch Molecular Weight:** 225.26**Physical Appearance:** White solid**Solubility:** water to 100 mM**Storage:** Store at RT**Batch Molecular Structure:**

2. ANALYTICAL DATA

Assay (titration): 99.3%

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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Product Information

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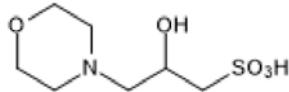
Description:

Buffer for biochemistry and molecular biology. Working pH range in aqueous solution: 6.2 - 7.6. Commonly used in cell culture media, during electrophoresis, and protein purification for chromatography.

Physical and Chemical Properties:Batch Molecular Formula: C₇H₁₅NO₅S

Batch Molecular Weight: 225.26

Physical Appearance: White solid

Minimum Purity: ≥98%**Batch Molecular Structure:****Storage:** Store at RT**Solubility & Usage Info:**

water to 100 mM

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

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