BIOBUFFER SOLUTIONS

REAGENT

MES SODIUM SALT

CAS #:71119-23-8 **Formula: $C_6H_{12}NO_4S \cdot Na$** **F.W.: 217.22 g/mol**

MESN-5224

BIO ULTRA GRADE

ANALYSIS		SPECIFICATIONS
Appearance and Color		White Crystals
Absorbance (10%)	260 nm 280 nm	< = 0.05 < = 0.03
Assay, Dried Basis		> = 99.0%
Loss on Drying, 105°C		< = 15.0%
pH (1.0%)		8.9 – 10.1
Solubility (10%)		Clear and Complete

General Product Overview

MES Sodium is a zwitterionic salt of the Good's buffer, MES. This product is easily dissolved in water, contains a mid-range pKa, and a useful pH of 5.5 to 6.5. It is chemically stable with minimal absorption in both UV and visible spectral range. It is one of Good's buffers that can be used for equations using metal ions because it forms weak bonds with Ca, Mg, Mn and has negligible binding with Cu(II). It is suitable for use in electrophoresis, tissue culture media and other molecular biology applications.

Industry Application

Suitable for use in biological and biotech chemical process applications from R&D through scale production.

Key Product Features

- Appears as white crystals
- Contains no known major food allergens (as defined by FDA and WHO)
- The final product and its raw materials are not derived from nor come into contact with animal parts, animal products, and/or animal byproducts or derivatives.
- Is not subject to genetic modification
- Synonyms: 4-Morpholinoethanesulfonic Acid Sodium Salt; 2-(N-Morpholino) Ethanesulfonic Acid Sodium Salt

Storage and Shipping Conditions

Refer to SDS.

Standard Shelf-Life Policy

Typical shelf-life for this material is a two- year retest date with a three-year expiry from the date of manufacturing or repackaging. Please inquire for further information.

Package Sizes

1kg, 5kg, 10kg, 25kg, 50kg

Click here to view SDS, CoAs and other supporting regulatory documents on our website.