

## MES SODIUM SALT

CAS #: 71119-23-8

Formula:  $C_6H_{12}NNaO_4S$

F.W.: 217.22 g/mol

MESN-5220

BIO ULTRA GRADE

ANALYSIS	SPECIFICATIONS
Appearance and Color	White Crystalline Powder
Assay, Dried Basis	> = 98.0%
Color (1M, alkaline)	Colorless
Identification, IR	Conforms to Reference Standard
pH (1.0%)	8.9 – 10.1
PVS Content	< = 1 ppm
Solubility (5%)	Passes Test
Water, KF	< = 10.0%

### Industry Application

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

### 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.

### Key Product Features

- Appears as white crystalline powder
- 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: 2-(N-Morpholino)ethanesulfonic acid sodium salt

### Storage and Shipping Conditions

Refer to SDS.

### Standard Shelf-Life Policy

Please inquire for information regarding shelf life.

### Package Sizes

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

[Click here to view SDS, CoAs and other supporting regulatory documents on our website.](#)

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