

PRODUCT INFORMATION

Version: 07/28/2008

HATU**Cat. No.:** C01627**Name:** MES Monohydrate**Size:** 100 g, 500 g, 5000 g and 25000 g**Cas:** 145224-94-8

Description: MES Monohydrate is also known as [2-(N-Morpholino) ethanesulfonic Acid]. MES-Buffer has a pKa value near physiological pH, it is not absorbed through cell membranes, and it is essentially transparent to UV light. A biological buffer mainly used in plant cell cultures.

Synonyms: 2-(4-Morpholino)ethanesulfonic acid;

2-[N-morpholino]ethanesulfonic acid;
4-Morpholineethanesulfonic acid;
4-Morpholinoethanesulfonic acid hydrate

Molecular Formula: C₆H₁₃NO₄S•H₂O

Molecular Weight: 213.3

Appearance: White Crystalline Powder

Useful pH Range: pH 5.5-6.7

pKa: 6.1 (25°C)

Storage: Store at room temperature.

