



**M825**  
**MES Monohydrate**

Synonym: 2-(N-Morpholino)ethanesulfonic Acid Monohydrate

CAS: 145224-94-8

Formula: C<sub>6</sub>H<sub>13</sub>NO<sub>4</sub>S•H<sub>2</sub>O

Molecular Wt: 213.3

**Properties**

Form: Powder

Appearance: White Crystalline

Application: Buffer for plant tissue culture media

Solubility: Water

Storage Temp: Room Temperature

Storage Temp of Stock Solution: 2-6° C

Other Notes: Plant Tissue Culture Tested

**Application Notes**

PKa = 6.1 @ 25C;

Useful pH range 5.5-6.7

**References**

*Merck 13*, 5929

Revised 4/2009