



M825
MES Monohydrate

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

CAS: 145224-94-8

Formula: $\text{C}_6\text{H}_{13}\text{NO}_4\text{S}\cdot\text{H}_2\text{O}$

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