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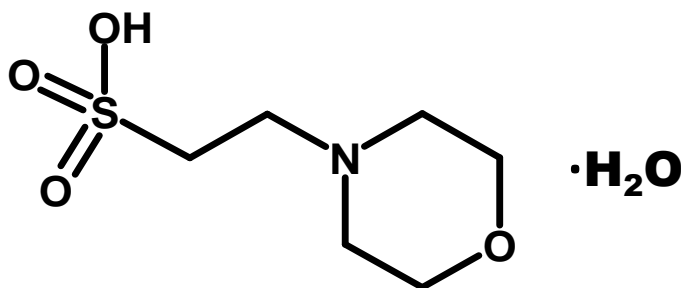
## Product Specifications

### 2-(N-morpholino)ethanesulfonic Acid Monohydrate

CAS 145224-94-8 (Monohydrate)

Syn: MES Monohydrate

Structure:



Mol. Formula  
Source

$C_6H_{13}NO_4S \cdot H_2O$   
Synthetic

Mol. Wt.

213.25

*Test*

*Specification*

<b>Identity</b>	IR
<b>Appearance</b>	White microcryst. solid
<b>Solubility</b> (1M in H <sub>2</sub> O )	Clear, colorless solution
<b>pH</b> (1% aq. soln.)	2.5-4.1
<b>Assay</b> (titration)	≥ 99.5%
<b>Water</b> (K-F)	≤ 9%
<b>UV</b> (1M in H <sub>2</sub> O) $A_{260nm}$	≤ 0.04 AU
<b>UV</b> (1M in H <sub>2</sub> O) $A_{280nm}$	≤ 0.02 AU

*Storage:* Maintain in cool, dry containment.