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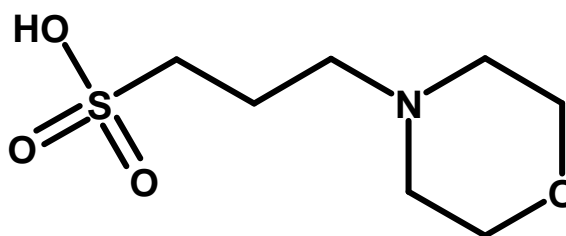
## Product Specifications

### 3-Morpholinopropane-1-sulfonic Acid

CAS 1132-61-2

Syn: MOPS

Structure:



Mol. Formula  
Source

$C_7H_{15}NO_4S$   
Synthetic

Mol. Wt.

209.3

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#### *Test*

#### *Specification*

<b>Identity</b>	IR, NMR
<b>Appearance</b>	White microcryst. solid
<b>Solubility</b> (1M in H <sub>2</sub> O)	Clear, colorless solution
<b>pH</b> (1M in H <sub>2</sub> O)	2.5-4.5
<b>Assay</b> (titration)	≥ 99.5%
<b>Water</b> (K-F)	≤ 0.5%
<b>UV</b> (1M in H <sub>2</sub> O) $A_{260nm}$	≤ 0.05 AU
<b>UV</b> (1M in H <sub>2</sub> O) $A_{280nm}$	≤ 0.03 AY
<b>pKa</b> <sub>25 °C</sub>	7-7.4
<b>Insoluble matter</b>	< 0.1%
<b>Traced metals</b> (ICP)	Report Results
<b>Endotoxin</b>	< 0.1 EU/mL
<b>Total aerobic microbial count</b>	≤ 100 CFU/g

*Storage:* Maintain in cool, dry containment.