



## Specification

### MOPS 99.5%

**Catalog Number:** MP1010  
**CAS Number:** 1132-61-2  
**Synonym(s):** 3-(N-Morpholino) Propanesulfonic Acid  
**Molecular Formula:**  $C_7H_{15}NO_4S$   
**Molecular Weight:** 209.27  
**Storage:** 15°C – 30°C  
**Retest Period:** Three years from date of manufacture.

Test	Specification
Appearance	White crystalline powder
Assay (Dry Basis)	≥ 99.5%
Identification (FTIR)	To match reference spectra
Solubility (100 mg/ml, H <sub>2</sub> O)	Clear & colorless
pH (1%)	2.5 – 4.5
Moisture (LOD)	≤ 0.5%
Absorbance (1M @ 290nm)	≤ 0.05
Heavy Metals	≤ 5ppm
DNase	None detected
RNase	None detected

Approved:

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