



## Specification

### MOPS Hemisodium Salt

<b>Catalog Number:</b>	MH1002
<b>CAS Number:</b>	117961-20-3
<b>Synonym(s):</b>	3-(N-Morpholino)propanesulfonic acid hemisodium salt, 4-Morpholinepropanesulfonic acid hemisodium salt
<b>Molecular Formula:</b>	$C_{14}H_{29}N_2NaO_8S_2$
<b>Molecular Weight:</b>	440-51
<b>Storage:</b>	15°C – 30°C
<b>Retest Date:</b>	Three years after date of manufacture.

Test	Specification
Appearance	White to powder
Assay (Titration)	≥ 99%
Identification (FTIR)	To match reference spectra
Solubility (0.1M, H <sub>2</sub> O)	Clear and colorless
pH (1%, H <sub>2</sub> O)	6.7 – 7.3
Moisture	≤ 3.0%
Absorbance (0.1M, H <sub>2</sub> O)	
A260	≤ 0.05
A280	≤ 0.05
Lead	≤ 5ppm

Approved by:

Date: August 16, 2019

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