



Specification

MOPS Sodium Salt

Catalog Number:	MS1011
CAS Number:	71119-22-7
Synonym(s):	3-(N-Morpholino)propanesulfonic acid sodium salt, 4-Morpholinepropanesulfonic acid sodium salt
Molecular Formula:	$C_7H_{14}NO_4SNa$
Molecular Weight:	231.24
Storage:	15°C – 30°C
Retest Period:	Three years from date of manufacture.

Test	Specification
Appearance	White crystalline powder
Assay (Titration)	≥ 99.5%
pKa	7.0 – 7.4
pH (1%, dH ₂ O)	10.0 – 11.0
Solubility (10%, dH ₂ O)	Clear
Moisture (LOD)	≤ 1.0%
Absorbance (260nm, 0.1M)	≤ 0.03
Heavy Metals	≤ 5ppm

Approved:

Date: September 10, 2019

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