Certificate of Analysis

MOPS (sodium salt)

Cat. No.: HY-D0859A
CAS No.: 71119-22-7
Batch No.: 292004

Chemical Name: 4-Morpholinepropanesulfonic acid, sodium salt (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₇H₁₄NNaO₄S

Molecular Weight: 231.25

Storage: 4°C, sealed storage, away from moisture

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

O ONa

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%
Water(KF): 0.39%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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