Certificate of Analysis

Oxacillin (sodium monohydrate)

 Cat. No.:
 HY-B0465

 CAS No.:
 7240-38-2

 Batch No.:
 13442

Chemical Name: 4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-6-[[(5-methyl-3-phenyl-4-isox

azolyl)carbonyl]amino]-7-oxo-, sodium salt, hydrate (1:1:1), (2S,5R,6R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{19}H_{20}N_3NaO_6S$

Molecular Weight: 441.43

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:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.55%

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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