Certificate of Analysis

D-Mannosamine (hydrochloride)

Cat. No.: HY-W021425 CAS No.: 5505-63-5 Batch No.: 425868

Chemical Name: D-Mannose, 2-amino-2-deoxy-, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₆H₁₄ClNO₅ Molecular Weight: 215.63

Storage: 4°C, stored under nitrogen

* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)

Chemical Structure:

ANALYTICAL DATA

White to off-white (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

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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