Certificate of Analysis

Methyl L-histidinate dihydrochloride

Cat. No.: HY-Y0754 CAS No.: 7389-87-9 Batch No.: 148001

Chemical Name: L-Histidine, methyl ester, hydrochloride (1:2)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_7H_{13}Cl_2N_3O_2$

Molecular Weight: 242.10

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

> 1 month -20°C

Chemical Structure:

$$\begin{array}{c} H \\ N \\ N \\ H-CI \\ H-CI \\ \end{array}$$

ANALYTICAL DATA

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

Purity (NMR): ≥95.0% Water(KF): 0.28%

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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