**Certificate of Analysis** 

## 5-Aminolevulinic acid (hydrochloride)

Cat. No.: HY-N0305 CAS No.: 5451-09-2 Batch No.: 323558

**Chemical Name:** Pentanoic acid, 5-amino-4-oxo-, hydrochloride (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>5</sub>H<sub>10</sub>ClNO<sub>3</sub> Molecular Weight: 167.59

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**

White to off-white (Solid) Appearance: <sup>1</sup>H 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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