

## **Certificate of Analysis**

## Methyl aminolevulinate (hydrochloride)

Cat. No.: HY-A0169A
CAS No.: 79416-27-6
Batch No.: 145221

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

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_6H_{12}CINO_3$  Molecular Weight: 181.62

**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:** 

$$H_2N$$
 $O$ 
 $O$ 
 $O$ 
 $O$ 
 $O$ 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

<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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