## **Certificate of Analysis**

## L-Serine methyl ester (hydrochloride)

Cat. No.: HY-32687A CAS No.: 5680-80-8 Batch No.: 103879

**Chemical Name:** L-Serine, methyl ester, hydrochloride (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>4</sub>H<sub>10</sub>ClNO<sub>3</sub> Molecular Weight: 155.58

Storage: Powder -20°C 3 years

> 2 years  $4^{\circ}C$

-80°C In solvent 6 months

> -20°C 1 month

**Chemical Structure:** 

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

## ANALYTICAL DATA

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

Purity (NMR): ≥97.0%

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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