Certificate of Analysis

DL-Homoserine

 Cat. No.:
 HY-W012870

 CAS No.:
 1927-25-9

 Batch No.:
 324459

Chemical Name: Homoserine

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_4H_9NO_3$ Molecular Weight: 119.12

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$HO \longrightarrow OH$$
 NH_2

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ 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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