

Certificate of Analysis

2,3-Diaminopropionic acid hydrochloride

 Cat. No.:
 HY-W013673

 CAS No.:
 1482-97-9

 Batch No.:
 65140

Chemical Name: L-Alanine, 3-amino-, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_3H_9CIN_2O_2$ Molecular Weight: 140.57

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:

$$H_2N$$
 OH HCI^{NH_2}

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

Loss on Drying: 0.25%

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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