Certificate of Analysis

L-Arginine (hydrochloride)

 Cat. No.:
 HY-N0455A

 CAS No.:
 1119-34-2

 Batch No.:
 16532

Chemical Name: L-Arginine, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_6H_{15}CIN_4O_2$ Molecular Weight: 210.66

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 H H H H H

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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