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Certificate of Analysis

cis-4-Hydroxy-L-proline (hydrochloride)

Cat. No.: HY-W019213
CAS No.: 441067-49-8
Batch No.: 118810

Chemical Name: L-Proline, 4-hydroxy-, hydrochloride (1:1), (4S)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_5H_{10}CINO_3$ Molecular Weight: 167.59

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

HO NH H-CI

ANALYTICAL DATA

Appearance: White to light yellow (Solid)

¹ 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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