Certificate of Analysis

L-Proline-13C₅

 Cat. No.:
 HY-Y0252S

 CAS No.:
 201740-83-2

 Batch No.:
 321497

Chemical Name: L-Proline-carboxy,2,3,4,5-13C5

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $^{13}C_5H_9NO_2$ Molecular Weight: 120.09

Storage: Powder -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$H_{2}^{13}C$$
 $H_{2}^{13}C$
 $H_{2}^{13}C$
 $H_{2}^{13}C$
 $H_{2}^{13}C$
 $H_{3}^{13}C$
 $H_{4}^{13}C$
 $H_{5}^{13}C$
 $H_{5}^{13}C$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

Purity (HPLC): 99.00%
Isotopic Enrichment: 99.2%

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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