Certificate of Analysis

L-Aspartic acid-13C

Cat. No.: HY-N0666S CAS No.: 81201-97-0 Batch No.: 123711

Chemical Name: L-Aspartic-1-13C acid

PHYSICAL AND CHEMICAL PROPERTIES

 $C_3^{13}CH_7NO_4$ Molecular Formula: Molecular Weight: 134.10

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$\begin{array}{c}
O \\
II \\
HO
\end{array}$$

$$\begin{array}{c}
OH \\
NH_2 O
\end{array}$$

ANALYTICAL DATA

White to off-white (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0% **Isotopic Enrichment:** 99.3%

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.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA