Certificate of Analysis

L-Leucine-¹³C

Cat. No.: HY-N0486S1 CAS No.: 74292-94-7 Batch No.: 243622

Chemical Name: L-Leucine-1-13C

PHYSICAL AND CHEMICAL PROPERTIES

 $\mathrm{C_5}^{13}\mathrm{CH}_{13}\mathrm{NO}_2$ Molecular Formula: 132.17 Molecular Weight:

Storage: Powder -20°C 3 years

> 2 years $4^{\circ}C$

In solvent -80°C 6 months

> 1 month -20°C

Chemical Structure:

ANALYTICAL DATA

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

Purity (NMR): ≥98.0% **Isotopic Enrichment:** 99.8%

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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