## **Certificate of Analysis**

## L-Tyrosine-13C

Cat. No.: HY-N0473S4 CAS No.: 110622-46-3 Batch No.: 279255

**Chemical Name:** L-Tyrosine-α-13C

## PHYSICAL AND CHEMICAL PROPERTIES

 $\mathsf{C_8}^{13}\mathsf{CH}_{11}\mathsf{NO_3}$ Molecular Formula: Molecular Weight: 182.18

Storage: 4°C, sealed storage, away from moisture and light

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

**Chemical Structure:** 

## **ANALYTICAL DATA**

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

Purity (HPLC): 98.55% **Isotopic Enrichment:** 97.60%

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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