Certificate of Analysis

L-Glutamine-15N₂

Cat. No.: HY-N0390S8 CAS No.: 204451-48-9 Batch No.: 238825

Chemical Name: L-Glutamine-N,N2-15N2

PHYSICAL AND CHEMICAL PROPERTIES

 $C_5H_{10}^{15}N_2O_3$ Molecular Formula: 148.13 Molecular Weight:

Storage: Powder -20°C 3 years

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

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

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

Purity: ≥98.0% **Isotopic Enrichment:** 98.9%

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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