## **Certificate of Analysis**

## DL-Glutamic acid-d<sub>3</sub>

Cat. No.: HY-W041895S1
CAS No.: 96927-56-9
Batch No.: 233002

Chemical Name: Glutamic-2,4,4-d3 acid

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_5H_6D_3NO_4$  Molecular Weight: 150.15

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (NMR): ≥98.0%
Isotopic Enrichment: 98.4%

**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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