## **Certificate of Analysis**

## L-Alanine-<sup>13</sup>C<sub>2</sub>

Cat. No.: HY-N0229S9
CAS No.: 65163-26-0
Batch No.: 247127

Chemical Name: L-Alanine-2,3-13C2

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sup>13</sup>C<sub>2</sub>H<sub>7</sub>NO<sub>2</sub>

Molecular Weight: 91.08

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

 $^{\star}$  In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

**Chemical Structure:** 

$$H_3^{13}C$$
  $H_3^{13}C$  OH  $NH_2$ 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

Purity: ≥98.0%
Isotopic Enrichment: 98.90%

**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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