

## **Certificate of Analysis**

## DL-Homocysteine-d<sub>4</sub>

Cat. No.: HY-W010347S CAS No.: 416845-90-4 Batch No.: 247124

**Chemical Name:** Homocysteine-3,3,4,4-d4

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_4H_5D_4NO_2S$ Molecular Weight: 139.21

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:** 

$$\begin{array}{c|c} D & D & O \\ \hline \\ D & D & NH_2 \end{array}$$

## **ANALYTICAL DATA**

White to off-white (Solid) Appearance:

**Purity:** ≥98.0% **Isotopic Enrichment:** 99.6%

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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