Certificate of Analysis

L-Methionine-d₃

Cat. No.: HY-N0326S7 CAS No.: 13010-53-2 Batch No.: 213304

Chemical Name: L-Methionine-methyl-d3

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_5H_8D_3NO_2S$ Molecular Weight: 152.23

Storage: Powder -20°C 3 years

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

In solvent -80°C 6 months

1 month -20°C

Chemical Structure:

$$D \longrightarrow S \longrightarrow NH_2 OH$$

ANALYTICAL DATA

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

Purity (NMR): ≥98.0% **Isotopic Enrichment:** 99.60%

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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