

Certificate of Analysis

Alanine-2,3,3,3-d4

Cat. No.: HY-W244382 CAS No.: 53795-92-9 Batch No.: 233006

Chemical Name: Alanine-2,3,3,3-d4

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_3H_3D_4NO_2$ Molecular Weight: 93.12

Storage: Powder -20°C 3 years

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

In solvent -80°C 6 months

> 1 month -20°C

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid) LCMS: Consistent with structure

Purity (LCMS): ≥98.0% **Isotope Enrichment:** 98.83%

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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