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Certificate of Analysis

α-Methyl-DL-aspartic acid

Cat. No.: HY-W142119
CAS No.: 2792-66-7
Batch No.: 280255

Chemical Name: Aspartic acid, 2-methyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_5H_9NO_4$ Molecular Weight: 147.13

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$HO \longrightarrow OH$$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (NMR): ≥98.0%

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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