Certificate of Analysis

NSC 16590

Cat. No.: HY-Y0124 CAS No.: 62-57-7 Batch No.: 249979

Chemical Name: Alanine, 2-methyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_4H_9NO_2$ Molecular Weight: 103.12

Storage: Powder -20°C 3 years

> 4°C 2 years

In solvent -80°C 2 years

> -20°C 1 year

Chemical Structure:

$$H_2N$$
 OH

ANALYTICAL DATA

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

Purity (NMR): ≥97.0%

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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