Certificate of Analysis

Strombine

Cat. No.: HY-W105634
CAS No.: 56857-47-7
Batch No.: 278083

Chemical Name: L-Alanine, N-(carboxymethyl)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_5H_9NO_4$ Molecular Weight: 147.13

Storage: 4°C, protect from light

* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

$$\mathsf{HO} \overset{\mathsf{O}}{\longleftarrow} \mathsf{H} \overset{\mathsf{O}}{\longleftarrow} \mathsf{OH}$$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥95.0%
OR(C=1.14g/100ml H2O): 5.9°

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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