Certificate of Analysis

(S)-2-Amino-3,3-diphenylpropanoic acid

Cat. No.: HY-W008077 CAS No.: 149597-92-2 Batch No.: 156148

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{15}H_{15}NO_2$ **Molecular Weight:** 241.29

Storage: Powder -20°C 3 years

2 years

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

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

Purity (HPLC): 99.94% $OR[\alpha](C=0.07 \text{ g}/100\text{ml Acetic acid})$: 98.2°

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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