Certificate of Analysis

3,4,7,8-Tetramethyl-1,10-phenanthroline

Cat. No.: HY-34515
CAS No.: 1660-93-1
Batch No.: 115318

Chemical Name: 1,10-Phenanthroline, 3,4,7,8-tetramethyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{16}H_{16}N_2$ Molecular Weight: 236.31

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (HPLC): 98.52%

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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