Certificate of Analysis

DL-Pantolactone

 Cat. No.:
 HY-W053519

 CAS No.:
 79-50-5

 Batch No.:
 103135

Chemical Name: 2(3H)-Furanone, dihydro-3-hydroxy-4,4-dimethyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_6H_{10}O_3$ Molecular Weight: 130.14

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 (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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