Certificate of Analysis

Pantolactone

Cat. No.: HY-W010396

CAS No.: 599-04-2

Batch No.: 395625

PHYSICAL AND CHEMICAL PROPERTIES

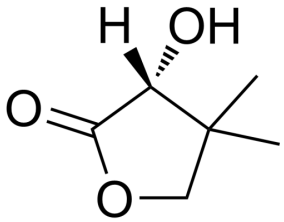
Molecular Formula: $C_6H_{10}O_3$

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 (GC): **99.94%**

Water(KF): 0.33%

Residue on Ignition: 0.06%

Optical Rotation: -16.47°(C=1g/100ml $CHCL_3$)

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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