Certificate of Analysis

Levulinic acid

Cat. No.: HY-Y0839
CAS No.: 123-76-2
Batch No.: 42578

Chemical Name: Pentanoic acid, 4-oxo-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_5H_8O_3$ Molecular Weight: 116.12

Storage: Pure form -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Colorless to off-white (<30°C Solid,>33°C Liquid)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

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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