



Certificate of Analysis

Product Name: L-Lactic acid
Cat. No.: CS-0015266
CAS No.: 79-33-4

Batch No.: Lf1011174116

Chemical Name: Propanoic acid, 2-hydroxy-, (2S)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_3H_6O_3$ **Molecular Weight:** 90.08

Storage: 2-8°C, sealed storage, away from moisture

Chemical Structure:

OH OH

ANALYTICAL DATA

Appearance: White to light yellow (<53°C Solid,>53°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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