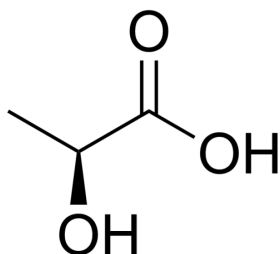


## Certificate of Analysis

**Product Name:** L-Lactic acid  
**Cat. No.:** CS-0015266  
**CAS No.:** 79-33-4  
**Batch No.:** 99566  
**Chemical Name:** Propanoic acid, 2-hydroxy-, (2S)-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>3</sub>H<sub>6</sub>O<sub>3</sub>  
**Molecular Weight:** 90.08  
**Storage:** 2-8°C, sealed storage, away from moisture  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Colorless to light yellow (<53°C Solid, >53°C Liquid)  
**Purity:** ≥90.0%  
**Methanol:** 0.05%  
**Sulfate:** 10 ug/g  
**Chloride:** 10 ug/g  
**Lead:** 0.5 ug/g  
**Cyanide:** 1 ug/g  
**Arsenic:** 1 ug/g  
**Iron:** 1 ug/g  
**Heavy Metals:** 5 ug/g  
**Residue on Ignition:** 0.01%  
**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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