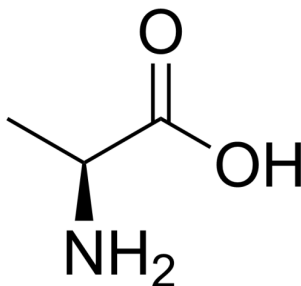


## Certificate of Analysis

### Compound Information

**Product Name:** L-Alanine  
**Cat. No.:** 1036049  
**CAS No.:** 56-41-7  
**Molecular Formula:** C<sub>3</sub>H<sub>7</sub>NO<sub>2</sub>  
**Molecular Weight:** 89.09  
**Chemical Structure:**



### Batch Information

**Batch No.:** Lf1013174544  
**Storage:** Storage temp. 2-8°C  
**Test Date:** 2022-10-13  
**Retest Date:** 2025-10-12  
**Origin:** Shanghai, China

### QC Summary

**Appearance:** White to off-white (Solid)  
**<sup>1</sup> H NMR Spectrum:** Consistent with structure  
**Purity (NMR):** ≥97.0%  
**Residue on Ignition:** 0.13%  
**OR(C=1.02g/100ml 5mol/L HCL):** 14.1°  
**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

E-mail: [product@leyan.com](mailto:product@leyan.com)

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai