

## Certificate of Analysis

### Compound Information

**Product Name:** L-Glutamic acid

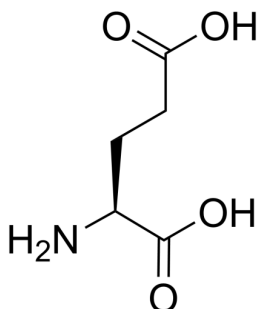
**Cat. No.:** 1036189

**CAS No.:** 56-86-0

**Molecular Formula:** C<sub>5</sub>H<sub>9</sub>NO<sub>4</sub>

**Molecular Weight:** 147.13

**Chemical Structure:**



### Batch Information

**Batch No.:** Lf0712146180

**Storage:** Storage temp. 2-8°C

**Test Date:** 2022-07-12

**Retest Date:** 2025-07-11

**Origin:** Shanghai, China

### QC Summary

**Appearance:** White to off-white (Solid)

**<sup>1</sup>H NMR Spectrum:** Consistent with structure

**Purity (NMR):** ≥98.0%

**Residue on Ignition:** 0.14%

**OR(C=1.03g/100ml 1N HCL):** 29.3°

**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