

## Certificate of Analysis

### Compound Information

**Product Name:** D-Homoserine Lactone hydrochloride

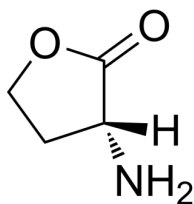
**Cat. No.:** 1015549

**CAS No.:** 104347-13-9

**Molecular Formula:** C<sub>4</sub>H<sub>8</sub>ClNO<sub>2</sub>

**Molecular Weight:** 137.56

**Chemical Structure:**



HCl

### Batch Information

**Batch No.:** Lf0707145402

**Storage:** Store at room temperature

**Test Date:** 2022-07-08

**Retest Date:** 2027-07-07

**Origin:** Shanghai, China

### QC Summary

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

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

**Purity (NMR):** ≥98.0%

**OR[α](C=1.02 g/100ml H<sub>2</sub>O):** 26.9°

**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