

## Certificate of Analysis

### Compound Information

**Product Name:** DL-Cysteine Hydrochloride Monohydrate

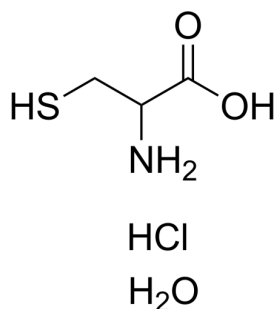
**Cat. No.:** 1272246

**CAS No.:** 116797-51-4

**Molecular Formula:** C<sub>3</sub>H<sub>10</sub>ClNO<sub>3</sub>S

**Molecular Weight:** 175.63

**Chemical Structure:**



### Batch Information

**Batch No.:** Lf0704144467

**Storage:** 2-8°C, stored under nitrogen

**Mfg. Date:** 2022-07-04

**Retest Date:** 2025-07-03

**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%

**Conclusion:** The product has been tested and complies with the given specifications.

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

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