

## Certificate of Analysis

### Compound Information

**Product Name:** D-Cysteine hydrochloride hydrate

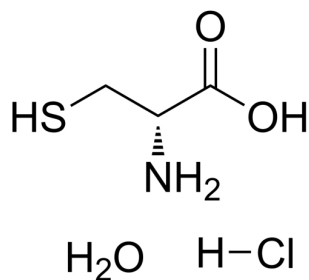
**Cat. No.:** 1117442

**CAS No.:** 207121-46-8

**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.:** Le1227115549

**Storage:** Storage temp. 2-8°C

**Mfg. Date:** 2021-12-27

**Retest Date:** 2024-12-26

**Origin:** Shanghai, China

### QC Summary

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

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

**Purity (NMR):** ≥97.0%

**OR(C=0.72435 1N HCl):** -5.7°

**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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