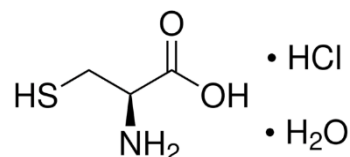


## Product Specification

Product Name:

**L-Cysteine hydrochloride monohydrate, *PurReagent*, >98.0%**

Product No.: PSR19517  
Brand: PureSynth  
CAS No.: 7048-04-6  
Molecular Formula:  $C_3H_7NO_2S \cdot HCl \cdot H_2O$   
Molecular Weight: 175.63 g/mol



| Test                                    | Specification                                                  |
|-----------------------------------------|----------------------------------------------------------------|
| Appearance                              | White to almost white crystalline powder or colorless crystals |
| Assay (By Titr.)                        | > 98.0 %                                                       |
| Solubility (50 mg/mL, H <sub>2</sub> O) | Colorless Clear Solution                                       |
| Loss on Drying                          | 7.9 - 15.0 %                                                   |
| Identification by <sup>1</sup> H NMR    | Conforms to structure                                          |

Specification: PR-1.0-QA/420

Version no.: 1.2, 29.04.2026

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For queries on this Specifications, please contact our technical team at [technical@pure-synth.com](mailto:technical@pure-synth.com)