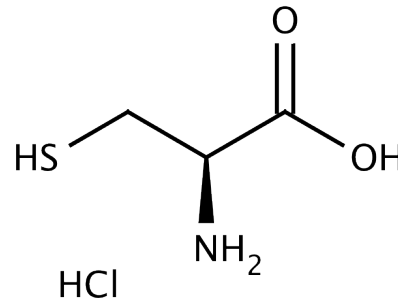


Product Specification

Product Name : L-Cysteine hydrochloride, anhydrous
Glentham Code : GM1539
CAS Number : 52-89-1
EINECS : 200-157-7
MDL Number : MFCD00064553
Additional CAS : 345909-32-2 ($\cdot xH_2O$)
PubChem SID : 310270756

Molecular Weight : 157.62
Molecular Formula : $C_3H_7NO_2S \cdot HCl$
Storage Temp. : +20°C



| Property | Specification |
|---------------------------|--------------------------------------|
| Physical Description | White crystalline powder or crystals |
| Specific Optical Rotation | 5.6 - 8.9 ° |
| Residue on Ignition | ≤ 0.1% |
| Loss on Drying | ≤ 1.0% |
| Iron (Fe) | ≤ 15ppm |
| Lead (Pb) | ≤ 3ppm |
| Arsenic (As) | ≤ 1ppm |
| Mercury (Hg) | ≤ 0.1ppm |
| Cadmium (Cd) | ≤ 1ppm |
| Assay | 98.0 - 102.0 % |

Specification Version : v1.0
Date Created : 2015-04-09

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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