

## Product Datasheet

### GM0119 - L-Cysteine hydrochloride monohydrate, 99%, non-animal origin

Hazard Codes H319  
Precautionary Codes P280, P261,  
P305+P351+P338

Pictograms

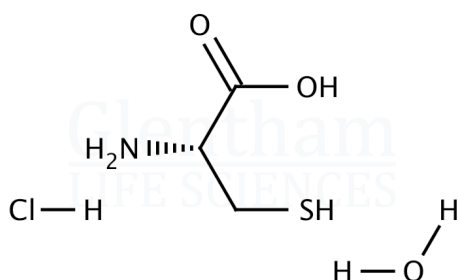


#### Product Details

Product Name L-Cysteine hydrochloride  
monohydrate, 99%, non-animal  
origin  
Glentham Code GM0119  
CAS Number 7048-04-6  
EINECS 200-157-7  
MDL Number MFCD00065606  
Additional CAS 345909-32-2 ( $\cdot$ xH<sub>2</sub>O)  
Related Categories Amino Acids

#### Structure

Molecular Weight : 175.64  
Molecular Formula : C<sub>3</sub>H<sub>7</sub>NO<sub>2</sub>S · HCl · H<sub>2</sub>O



#### Glentham Product Specification

Physical Description : White or colourless crystals  
Identification (IR) : To conform to standard  
Solubility (2.5% in water) : Clear, colourless solution  
Specific Optical Rotation ([ $\alpha$ ]<sub>20</sub>/D) : 5.5 - 7.0 ° (c=8, HCl, dried basis)  
pH : 1.5 - 2.0  
Sulphates :  $\leq$  0.02%  
Ammonium :  $\leq$  0.02%  
Heavy Metals :  $\leq$  10ppm  
Any Individual Impurity :  $\leq$  0.5%  
Total Impurities :  $\leq$  2.0%  
Residue on Ignition :  $\leq$  0.1%  
Loss on Drying : 8.0 - 12.0 %  
Assay (Titration) : 98.5 - 101.0 %  
Pharmacopoeia Specification(s) : Ph. Eur., USP  
Version : v1.0

#### About L-Cysteine hydrochloride monohydrate, 99%, non-animal origin

No further details on record.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as dangerous for transport.  
CLP Classification Eye Irr. 2A  
Signal Word Warning

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