

## Product Datasheet

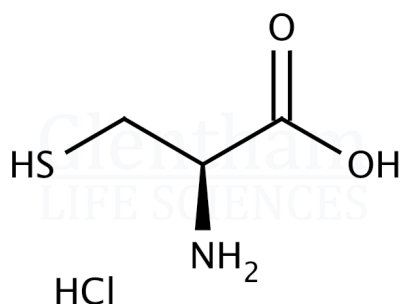
### GM1539 - L-Cysteine hydrochloride, anhydrous

#### Product Details

Product Name	L-Cysteine hydrochloride, anhydrous
Glenthams Code	GM1539
CAS Number	52-89-1
EINECS	200-157-7
MDL Number	MFCDD00064553
Additional CAS	345909-32-2 (-xH <sub>2</sub> O)
PubChem SID	310270756
Related Categories	Amino Acids, Biochemicals, Raw Materials (IVD), Cosmetic Raw Materials

#### Structure

Molecular Weight	: 157.62
Molecular Formula	: C <sub>3</sub> H <sub>7</sub> NO <sub>2</sub> S · HCl



#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as dangerous for transport.  
CLP Classification Skin Irr. 2, STOT SE 3,  
STOT SE 3, Eye Irr. 2A

Signal Word

Hazard Codes

Precautionary Codes

Pictograms

Warning

H315, H336, H335, H319

P280, P261, P302+P352,  
P305+P351+P338



#### Glenthams Product Specification

Physical Description	: White crystalline powder or crystals
Specific Optical Rotation ([α] <sub>D</sub> <sup>20</sup> )	: +5.6 - +8.9 ° (c=8, 6M HCl)
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 %
Version	: v1.0

#### About L-Cysteine hydrochloride, anhydrous

No further details on record.

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