

Product Datasheet

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

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

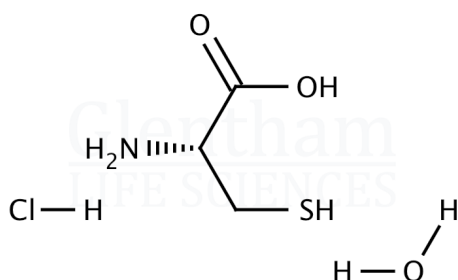


Product Details

Product Name L-Cysteine hydrochloride
monohydrate, 99%, non-animal
origin
Glentham Code GM0119
CAS Number 7048-04-6
EINECS 200-157-7
MDL-Nummer MFCD00065606
Zusätzliche CAS 345909-32-2 ($\cdot xH_2O$)
Related Categories Amino Acids

Structure

Molecular Weight : 175.64
Molecular Formula : $C_3H_7NO_2S \cdot HCl \cdot H_2O$



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 ($[\alpha]_{20/D}$) : 5.5 - 7.0 ° (c=8, HCl, dried basis)
pH : 1.5 - 2.0
Sulphates : $\leq 0.02\%$
Ammonium : $\leq 0.02\%$
Heavy Metals : $\leq 10\text{ppm}$
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 Achtung

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