

Product Datasheet

GM2919 - L-Cysteine hydrochloride monohydrate, Ph. Eur., USP grade

Hazard Codes H319
Precautionary Codes P305+P351+P338
Pictograms

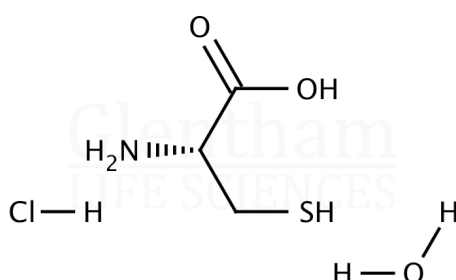


Product Details

Product Name L-Cysteine hydrochloride monohydrate, Ph. Eur., USP grade
Glenthams Code GM2919
CAS Number 7048-04-6
EINECS 200-157-7
Numéro MDL MFCD00065606
CAS supplémentaire 345909-32-2 ($\cdot xH_2O$)
Related Categories Amino Acids, Biochemicals, Raw Materials (IVD)

Structure

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



Glenthams Product Specification

Physical Description : White or almost white crystalline powder, or colourless crystals
Identification : IR
Identification : Reaction of chlorides
Solubility (5% in water) : Clear, colourless solution ($\leq$ BY6)
Specific Optical Rotation : Ph. Eur.: + 5.5 - +7.0 °, USP: + 5.7 - +6.8 °
Any Individual Impurity (TLC) : $\leq$ 0.5%
Total Impurities (TLC) : $\leq$ 2.0%
Sulphates : $\leq$ 300ppm
Ammonium (NH4) : $\leq$ 200ppm
Iron (Fe) : $\leq$ 20ppm
Heavy Metals (as Pb) : $\leq$ 10ppm
Sulphated Ash : $\leq$ 0.1%
Loss on Drying : 8.0 - 12.0 %
Assay : 98.5 - 101.0 % (dried substance)
Pharmacopoeia Specification(s) : Ph. Eur., USP
Version : v1.1

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

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

About L-Cysteine hydrochloride monohydrate, Ph. Eur., USP grade

No further details on record.

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