

Product Datasheet

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

Precautionary Codes

P305+P351+P338

Pictograms

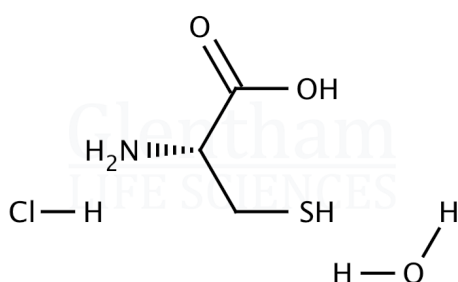


Product Details

Product Name	L-Cysteine hydrochloride monohydrate, Ph. Eur., USP grade
Glenthams Code	GM2919
CAS Number	7048-04-6
EINECS	200-157-7
MDL-Nummer	MFCD00065606
Zusätzliche CAS	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

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

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
Hazard Codes : H319

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