

Product Datasheet

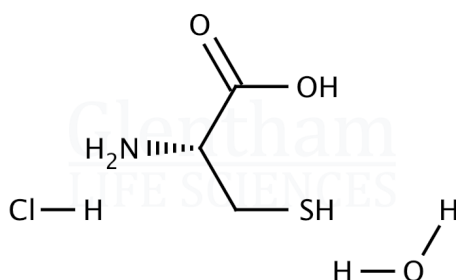
GM0119 - L-Cysteine hydrochloride monohydrate, 99%, non-animal origin

Product Details

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

Structure

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



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

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

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

Glenthams 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.

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