


Product Datasheet

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

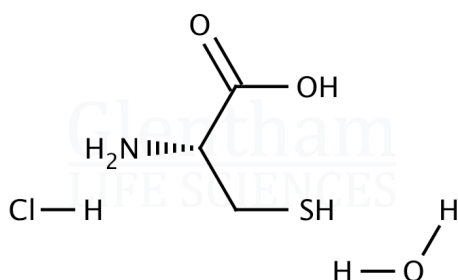
Hazard Codes H319
Precautionary Codes P280, P261,
P305+P351+P338
Pictograms 

Product Details

Product Name L-Cysteine hydrochloride
monohydrate, 99%, non-animal
origin
Glenthams Code GM0119
CAS Number 7048-04-6
EINECS 200-157-7
MDL Number MFCD00065606
Additional CAS 345909-32-2 (\cdot xH₂O)
Related Categories Amino Acids

Structure

Molecular Weight : 175.64
Molecular Formula : C₃H₇NO₂S · HCl · H₂O



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

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

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 ([α]_{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 10ppm
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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