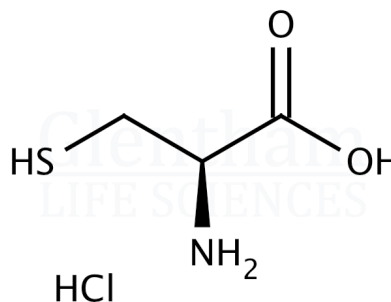


Product Specification

Product Name	L-Cysteine hydrochloride, anhydrous, 99%
Glentham Code	GM9033
CAS Number	52-89-1
EINECS	200-157-7
MDL Number	MFCD00064553
Additional CAS	345909-32-2 (-xH ₂ O)

Molecular Weight	157.62
Molecular Formula	C ₃ H ₇ NO ₂ S · HCl
Storage Temp.	+20°C



Property	Specification
Physical Description	White crystalline powder or colourless crystals
Solubility (10% in water)	Clear, colourless solution
pH (10% in water)	1.5 - 2.5
Specific Optical Rotation ([α] ₂₀ /D)	+6.0 - +6.8 ° (c=5, 5M HCl)
Heavy Metals	≤ 10ppm
Assay (Titration)	99.0 - 101.0 % (dried basis)

Specification Version	- v1.0
Date Created	- 2020-10-20

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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