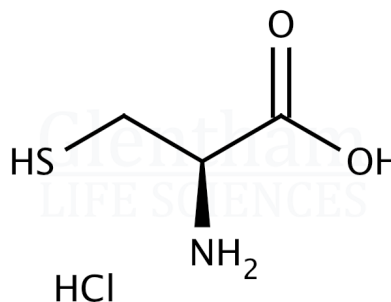


Product Specification

Product Name	L-Cysteine hydrochloride, anhydrous, 99%
Glentham Code	GM9033
CAS Number	52-89-1
EINECS	200-157-7
MDL-Nummer	MFCD00064553
Zusätzliche CAS	345909-32-2 ($\cdot xH_2O$)
Molecular Weight	157.62
Molecular Formula	$C_3H_7NO_2S \cdot HCl$
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 ($[\alpha]_{20/D}$)	+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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