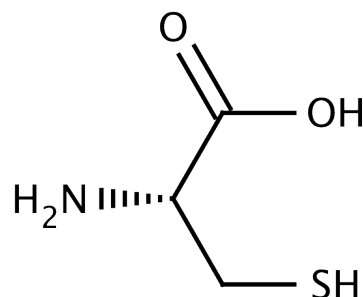


Product Specification

Product Name	L-Cysteine
Glentham Code	GM3760
CAS Number	52-90-4
EINECS	200-158-2
MDL Number	MFCD00064306
Additional CAS	345909-32-2 ($\cdot xH_2O$)
PubChem SID	310270753

Molecular Weight	121.16
Molecular Formula	C ₃ H ₇ NO ₂ S
Storage Temp.	+4°C



Property	Specification
Physical Description	White to almost white powder or crystals
Solubility (2.5% in water)	Clear, colourless solution
pH (2.5% in water)	4.0 - 6.0
Specific Optical Rotation ($[\alpha]_{20/D}$)	+8.0 - +9.5 ° (c=8, 1M HCl)
Loss on Drying	≤ 1.0% (80°C, vac., 1h)
Assay (Titration)	≥ 98.0%

Specification Version	-	v1.2
Date Created	-	2021-03-02

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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