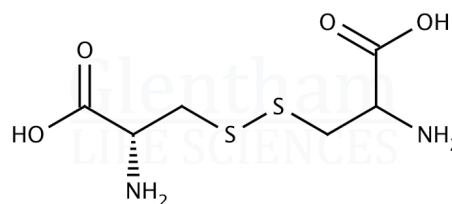


Product Specification

Product Name	L-Cystine
Glentham Code	GM4173
CAS Number	56-89-3
EINECS	200-296-3
MDL Number	MFCD00064228
PubChem SID	310270762
Molecular Weight	240.30
Molecular Formula	$C_6H_{12}N_2O_4S_2$
Storage Temp.	+20°C



Property	Specification
Physical Description	White crystalline powder
Solubility (5% in 1M HCl)	Clear, colourless solution
Chloride (Cl)	≤ 0.02%
Ammonium (NH ₄)	≤ 0.02%
Sulphate (SO ₄)	≤ 0.02%
Iron (Fe)	≤ 10ppm
Lead (Pb)	≤ 3ppm
Arsenic (As)	≤ 1ppm
Mercury (Hg)	≤ 0.1ppm
Cadmium (Cd)	≤ 1ppm
Residue on Ignition	≤ 0.1%
Other Amino Acids	Not detected
Loss on Drying	≤ 0.2%
Assay	98.5 - 101.0 %

Specification Version	-	v1.1
Date Created	-	2016-03-09

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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