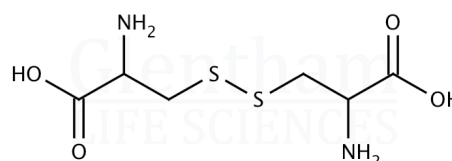


## Certificate of Analysis

Product Name DL-Cystine  
Glentham Code GM5088  
CAS Number 923-32-0  
EINECS 213-094-5  
MDL Number MFCD00084652  
PubChem SID 310270874  
Batch Number 743IWX

Molecular Weight 240.30  
Molecular Formula  $C_6H_{14}N_2O_4S_2$   
Storage Temp. +4°C



Property	Specification	Batch 743IWX
Physical Description	White to off-white powder or crystals	Off-white powder
Identification (IR)	To conform to standard	Conforms
Solubility (5% in 1M HCl)	Clear to faintly turbid, colourless to light-yellow solution	Clear, light-yellow solution
Specific Optical Rotation ( $[\alpha]_{20/D}$ )	-2.0 - +2.0 ° (c=1, 1M HCl)	-0.6°
Assay	≥ 98.0%	99.7%

Specification Version v1.1  
Manufacture Date 2023-01-20  
Re-Test Date 2030-07-07

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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