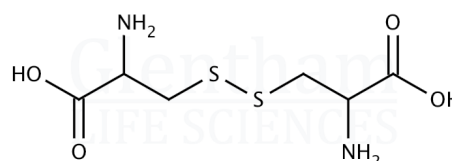


Certificate of Analysis

Product Name DL-Cystine
Glenthams 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

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

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