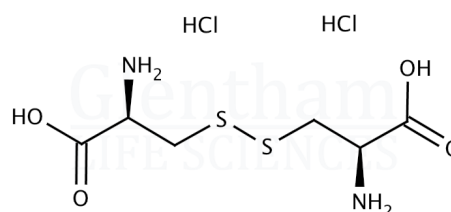


Certificate of Analysis

Product Name	L-Cystine dihydrochloride
Glentham Code	GE0295
CAS Number	30925-07-6
EINECS	250-391-9
MDL Number	MFCD00070399
PubChem SID	310270767
Batch Number	308ENU
Molecular Weight	313.22
Molecular Formula	$C_6H_{12}N_2O_4S_2 \cdot 2HCl$
Storage Temp.	+20°C



Property	Specification	Batch 308ENU
Physical Description	White, off-white or faint tan powder	White crystalline powder
Solubility (5% in 1M HCl)	Clear, colourless solution	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	-164 - -174 ° (c=1, 1M HCl)	-171.4 °
Loss on Drying	≤ 0.5%	0.34%
Assay	98.0 - 102.0 % (dried basis)	99.2%

Specification Version	v1.1
Manufacture Date	2022-02-18
Re-Test Date	2030-02-16

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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