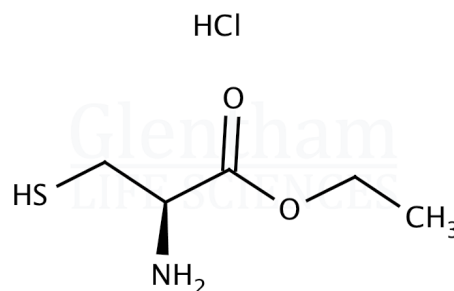


Certificate of Analysis

Product Name	L-Cysteine ethyl ester hydrochloride
Glentham Code	GM3732
CAS Number	868-59-7
EINECS	212-779-6
MDL Number	MFCD00012631
PubChem SID	310270754
Batch Number	470SHL
Molecular Weight	185.67
Molecular Formula	$C_5H_{11}NO_2S \cdot HCl$
Storage Temp.	+20°C



Property	Specification	Batch 470SHL
Physical Description	White powder	Conforms
Solubility (5% in water)	Clear to very faintly turbid, colourless solution	Conforms
Specific Optical Rotation ($[\alpha]_{20/D}$)	-11.0 - -13.0 ° (c=2, 1M HCl)	-12.0°
Assay (Titration)	98.0 - 102.0 %	99.9%
Specification Version	v1.0	
Manufacture Date	2017-11-28	
Re-Test Date	2028-01-30	

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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