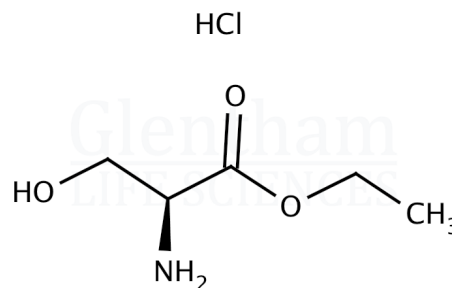


Certificate of Analysis

Product Name	L-Serine ethyl ester hydrochloride
Glentham Code	GM9860
CAS Number	26348-61-8
EINECS	247-624-1
MDL Number	MFCD00012594
PubChem SID	310279966
Batch Number	397JTO
Molecular Weight	169.61
Molecular Formula	$C_5H_{11}NO_3 \cdot HCl$
Storage Temp.	+4°C



Property	Specification	Batch 397JTO
Physical Description	White or almost white powder or crystals	White crystalline powder
Identification (IR)	To conform to standard	Conforms
Solubility (5% in water)	Clear, colourless solution	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	-4.0 - -6.0 ° (c=10, ethanol)	-5.5°
Water (KF)	≤ 2.0%	0.4%
Assay (Titration)	98.5 - 101.5 %	99.8%

Specification Version	v1.1
Manufacture Date	2024-03-15
Re-Test Date	2031-03-28

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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