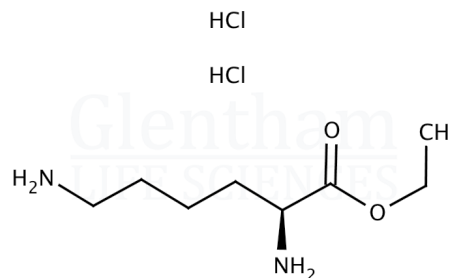


Certificate of Analysis

Product Name	L-Lysine ethyl ester dihydrochloride
Glentham Code	GM2935
CAS Number	3844-53-9
EINECS	223-340-3
MDL-Nummer	MFCD00039068
PubChem SID	310275926
Batch Number	347YTW

Molecular Weight	247.17
Molecular Formula	$C_8H_{18}N_2O_2 \cdot 2HCl$
Storage Temp.	+20°C



Property	Specification	Batch 347YTW
Physical Description	White to almost white powder	White powder
Identification (IR)	To conform to standard	Entspricht
Solubility (2% in water)	Clear, colourless solution	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	+9.0 - +12.0 ° (c=2, water)	+10.8°
Water (KF)	≤ 1.0%	0.5%
Assay	≥ 98.5%	98.85%

Specification Version	v1.0
Manufacture Date	2022-03-08
Re-Test Date	2029-07-06

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025