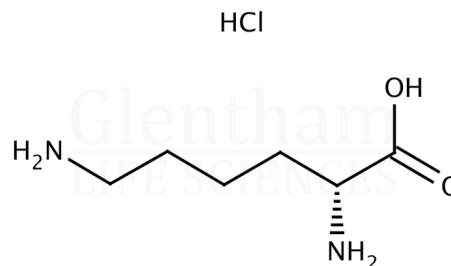


## Certificate of Analysis

Product Name D-Lysine monohydrochloride  
Glentham Code GM4656  
CAS Number 7274-88-6  
EINECS 230-691-6  
MDL Number MFCD00012920  
PubChem SID 310275929  
Additional CAS 923-27-3  
Batch Number 811IWU

Molecular Weight 182.65  
Molecular Formula  $C_6H_{14}N_2O_2 \cdot HCl$   
Storage Temp. +20°C



Property	Specification	Batch 811IWU
Physical Description	White to off-white powder or crystals	Off-white powder
Solubility (5% in water)	Clear, colourless to faint yellow solution	Clear, colourless solution
Specific Optical Rotation ( $[\alpha]_{20/D}$ )	-19.0 - -21.0 ° (C=8, 6N HCl)	-20.5 °
Loss on Drying	≤ 1.0% (105°C)	0.47%
Assay	≥ 98.0%	99.5%

Specification Version v1.0  
Manufacture Date 2020-04-10  
Re-Test Date 2027-07-28

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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