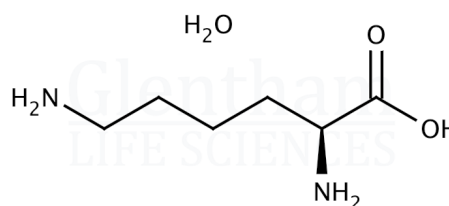


## Certificate of Analysis

Product Name L-Lysine monohydrate  
Glentham Code GM0350  
CAS Number 39665-12-8  
EINECS 200-294-2  
MDL Number MFCD00151035  
PubChem SID 310275928  
Batch Number 073VKT

Molecular Weight 164.21  
Molecular Formula  $C_6H_{14}N_2O_2 \cdot H_2O$   
Storage Temp. +20°C



Property	Specification	Batch 073VKT
Physical Description	White to light-yellow crystalline powder	Light-yellow crystalline powder
Assay	≥ 98.0% (dried basis)	99.1%
Specific Optical Rotation	+24 - +27 °	+24.6°
Chloride (Cl)	≤ 0.1%	≤ 0.03%
Ammonium (NH <sub>4</sub> )	≤ 0.02%	Conforms
Iron (Fe)	≤ 10ppm	Conforms
Heavy Metals (as Pb)	≤ 10ppm	Conforms
Residue on Ignition	≤ 0.5%	0.05%
Loss on Drying	9.0 - 11.0 %	10.1%

Specification Version v1.0  
Manufacture Date 2024-03-05  
Re-Test Date 2032-02-01

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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