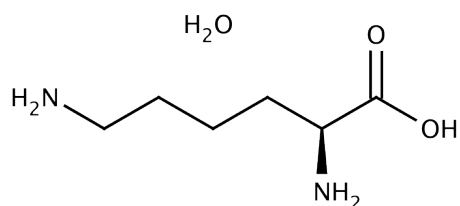


## Product Specification

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

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



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

Specification Version : v1.0  
Date Created : 2013-09-18

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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