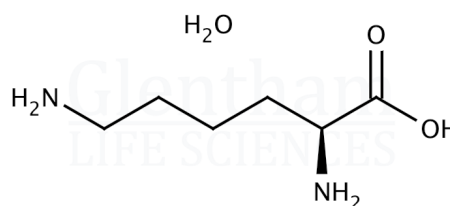


Certificate of Analysis

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 (NH4)	≤ 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 or contact us using the details above for the current version of this document.

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