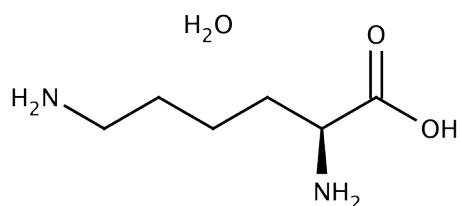


Product Specification

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 ₆ H ₁₄ N ₂ O ₂ · H ₂ O
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 ₄)	≤ 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 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, 2021