

Product Name: L-Lysine monohydrochloride, 99+%
Catalog Number: A16249.18

CAS Number: 657-27-2
IUPAC Name: (2S)-2,6-diaminohexanoic acid hydrochloride
Molecular Formula: C₆H₁₅ClN₂O₂
Molecular Weight: 182.65
MDL Number: MFCD00064564 MFCD00081870
InChI Key: BVHLGVCQOALMSV-JEDNCBNOSA-N
SMILES: Cl.NCCCC[C@H](N)C(O)=O
Synonym: lysine hydrochloride

Product Specification

Appearance (Color): White
Form: Powder or crystals or crystalline powder
Assay (unspecified): ≥99.0 to ≤101.0%
Comment: Specification differs for U.S. and non-U.S. material where indicated
Identification (FTIR): Conforms (non-U.S. specification)
Optical Rotation: 20.7 ± 0.5° (C=5 in 5N HCl)

Date Of Print: 07/15/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.