

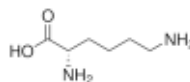
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
L-Lysine monohydrochloride - reagent grade, ≥98% (HPLC)

Product Number: **L5626**
 CAS Number: 657-27-2
 MDL: MFCD00064564
 Formula: C₆H₁₄N₂O₂ · HCl
 Formula Weight: 182.65 g/mol



· HCl

TEST

Specification

Appearance (Color)	White to Off White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Very Faint Yellow
Solubility (Turbidity)	Clear
50 mg/mL, H ₂ O	
Carbon	38.0 - 41.0 %
Nitrogen	14.8 - 15.8 %
Specific Rotation	20.4 - 21.4 °
(c = 8 in 6 N HCl at 25 deg C)	
Purity (HPLC)	≥ 98 %
Recommended Retest Period	-----
6 years	

Specification: PRD.4.ZQ5.10000035154

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

