

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **L-(+)-Lysine Monohydrochloride**
Specifications & Purity: **99%**
SKU #: **L105432**

Parameter	Limit Values
Loss on drying	0-0.3 (%)
Heavy metal (as Pb)	0-10 (ppm)
Iron(Fe)	0-30 (ppm)
Sulfate(SO ₄ ²⁻)	0-200 (ppm)
Purity(as dry basis)	99-101 (%)
Transmission(c=10, H ₂ O, 430 nm, 1 cm cell)	95-100 (%)
Sulfate Ash	0-0.1 (%)
Ammonia (NH ₄)	0-200 (ppm)
Melting point	263-264 (°C)
Other amino acids(TLC)	0-0.5 (%)
(As)Arsenic	0-1 (ppm)
Appearance (L105432)	White to Off-White Powder or Solid or Chunks
Infrared spectrum	Conforms to Structure
Specific Rotation [α] ₂₀ /D(c=5 in 5 M HCl)	20-21 (°)