

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **L-(+)-Lysine Monohydrochloride**
Specifications & Purity: from non-animal source,EP,JP,USP ; for cell culture,98.5 to 101.0%
SKU # **L113006**

Parameter	Limit Values
Sulfate(SO42-)	0-0.02 (%)
Heavy metal (as Pb)	0-10 (ppm)
Ammonia (NH4)	0-0.02 (%)
Loss on drying	0-0.4 (%)
Ignition Residue (as sulfate)	0-0.1 (%)
Iron(Fe)	0-10 (ppm)
Endonuclease Detection	0-1 (EU/g)
(As)Arsenic	0-1 (ppm)
Specific Rotation [a] ₂₅ /D(c=8 in 6M HCL)	20.4-21.4 (°)
PH test	5-6
Appearance (L113006)	White to Off White Powder or Crystals
Cell Culture Test	pass
Infrared spectrum	Conforms to Structure
Ninhydrin-positive substances (other amino acids)	Conforms
Residual solvents	complies
Solubility,1g/5ml water	Clear colorless
Residual solvents	complies
Purity	98.5-100.5 (%)
Chloride (Cl-)	19.12-19.51(%)