

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **L-Lysine**
Specifications & Purity: **Moligand™, ≥98%**
SKU #: **L103479**

Parameter	Limit Values
Specific Rotation $[\alpha]_{20}^D(c=2 \text{ in } 5\text{mol/L HCl})$	24-27 (°)
Nitrogen by Elemental Analysis (anhydrous)	18.8-19.5 (%)
Carbon by Elemental Analysis(anhydrous)	48.3-50.3 (%)
Water by Karl Fischer	0-12 (%)
Purity(HPLC)	98-100 (%)
Appearance (L103479)	White to Light Yellow Powder or Crystals
Solubility in H ₂ O , Colorless to Faint Yellow ,Clear,100 mg/mL	pass
Proton NMR spectrum	Conforms to structure