

## Specification Sheet

Product Name: **D-Lysine**  
Specifications & Purity:  $\geq 99\%$   
SKU #: **D139442**

Parameter	Limit Values
Purity(HPLC)	99-100 (%)
Specific Rotation $[\alpha]_{25}^D(c=1 \text{ in H}_2\text{O})$	-16--12 (°)
Carbon by Elemental Analysis	47-50.5 (%)
Nitrogen by Elemental Analysis	18-19.4 (%)
Water by Karl Fischer	0-5 (%)
Appearance (D139442)	white to off-white powder, crystals and/or chunks
Infrared spectrum	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless to Faint Yellow Clear ,50 mg/mL, H <sub>2</sub> O	pass