

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-29 16:46:35

Date of Next Testing: 2025-01-28 16:46:35

Product Name: **D-Lysine**

CAS Number: 923-27-3

Specifications & Purity: $\geq 98\%$

Lot #: A2312339

SKU #: **D420109****Analysis:** **180974**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.99500 %
Specific Rotation $[\alpha]_{25/D(c=1 \text{ in } H_2O)}$	-16--12 (°)	-13.24 °
Water by Karl Fischer	0-5 (%)	1.46 %
Appearance(D420109)	white to off-white powder, crystals or chunks	White to off-white Powder, Crystals or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".John Su
QA & QC Manager