

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-11 15:19:53

Date of Next Testing: 2024-07-10 15:19:53

Product Name: **D-Lysine Methyl Ester Dihydrochloride**

CAS Number: 67396-08-1

Specifications & Purity: $\geq 98\%$

Lot #: H2025060

SKU #: **S134411**

Version: **0**

Analysis #: **111468**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	97.5-102.5 (%)	98.13000 %
Purity(HPLC)	98-100 (%)	99.36000 %
Nitrogen by Elemental Analysis	11.3-12.5 (%)	11.62000 %
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in H}_2\text{O})$	-19--14 (°)	-15.03000 °
Appearance (S134411)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager