

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-19 15:31:22

Date of Next Testing: 2029-05-18 15:31:22

Product Name: **D-Ornithine monohydrochloride**

CAS Number: 16682-12-5

Specifications & Purity: $\geq 98\%$

Lot #: H2109268

SKU #: **O101048**

Version: **0**

Analysis #: **510637**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } 5\text{mol/L HCl})$	-25--21 (°)	-23.60000 °
Carbon by Elemental Analysis	34.5-36.9 (%)	36.10000 %
Nitrogen by Elemental Analysis	16-17.2 (%)	16.70000 %
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	99.50000 %
Appearance (O101048)	White or off-white powder	White or off-white powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager