

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-11 13:56:23

Date of Next Testing: 2027-07-10 13:56:23

Product Name: **L-Ornithine monohydrochloride**

CAS Number: 3184-13-2

Specifications & Purity: $\geq 98\%$

Lot #: G2303028

SKU #: **O108803**

Version: **1**

Analysis #: **242421**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=4 \text{ in } 6\text{mol/L HCl})$	22-25 (°)	24.61400°
Purity(HPLC)	98-100 (%)	99.70500%
Carbon by Elemental Analysis	34.17-37.02 (%)	35.49900%
Nitrogen by Elemental Analysis	15.95-17.28 (%)	16.59900%
Appearance (O108803)	White to Off-White Powder	White to Off-White Powder
Solubility in H ₂ O , Colorless to Faint Yellow Clear ,50 mg/mL, H ₂ O	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager