

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-11 11:35:27
 Date of Next Testing: 2029-07-10 11:35:27
 Product Name: **L-Ornithine monohydrochloride**
 CAS Number: 3184-13-2
 Specifications & Purity: $\geq 98\%$
 Lot #: G2501489
 SKU #: **O108803**
 Version: **1**
 Analysis #: **542308**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=4 \text{ in } 6\text{mol/L HCl})$	22-25 (°)	23.20000°
Purity(HPLC)	98-100 (%)	99.60300%
Carbon by Elemental Analysis	34.17-37.02 (%)	35.10000%
Nitrogen by Elemental Analysis	15.95-17.28 (%)	16.70000%
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