

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-24 18:31:17
 Date of Next Testing: 2029-09-23 18:31:17
 Product Name: **L-Arginine**
 CAS Number: 74-79-3
 Specifications & Purity: Moligand™, ≥99%(HPLC)
 Lot #: I2522123
 SKU # **A137768**
 Version **1**
 Analysis #: **582987**
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.30000 %
Purity(Titration by HClO ₄)	98.5-101.5 (%)	99.90000 %
Specific Rotation [α] _{20/D} (c=8 in 6M HCl)	24-28 (°)	27.10000 °
Appearance (A137768)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless and clear, 50 mg/mL	pass	Pass



John Su
QA & QC Manager