

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-13 14:43:15

Date of Next Testing: 2029-11-12 14:43:15

Product Name: **L-Arginine**

CAS Number: 74-79-3

Specifications & Purity: Moligand™, ≥99%(HPLC)

Lot #: K2505262

SKU #: **A137768**

Version **1**

Analysis #: **609095**

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 (%)	99.30000 %
Specific Rotation [α] _{20/D} (c=8 in 6M HCl)	24-28 (°)	27.02000 °
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