

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-13 10:14:38
Date of Next Testing: 2028-11-12 10:14:38
Product Name: **L-Arginine**
CAS Number: 74-79-3
Specifications & Purity: Moligand™, ≥99%(HPLC)
Lot #: K2407180
SKU #: **A137768**
Version: **0**
Analysis #: **436072**

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.40000 %
Purity(Titration by HClO ₄)	98.5-101.5 (%)	99.90 %
Specific Rotation [α] ₂₀ /D(c=8 in 6M HCl)	24-28 (°)	27.00°
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