

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-26 16:03:56

Date of Next Testing: 2028-07-25 16:03:56

Product Name: **L-Arginine**

CAS Number: 74-79-3

Specifications & Purity: >99.0%(HPLC)

Lot #: G2424360

SKU #: **A137768**Version: **0**Analysis #: **393790**

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.40000 %
Purity(Titration by HClO ₄)	98.5-101.5 (%)	101.00 %
Specific Rotation [α] ₂₀ /D(c=8 in 6M HCl)	24-28 (°)	27.10°
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