

Certificate of Analysis

Date of Testing: 2022-11-22 11:40:52

Date of Next Testing: 2026-11-21 11:40:52

Product Name: **L-Arginine**

CAS Number: 74-79-3

Specifications & Purity: >99.0%(HPLC)

Lot #: K2218038

SKU #: **A137768**

Analysis: 158531

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.46700%
Purity(Titration by HClO ₄)	98.5-101.5 (%)	99.41%
Specific Rotation [α] ₂₀ /D(c=8 in 6M HCl)	24-28 (°)	26.35°
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