

Certificate of Analysis

Date of Testing: 2023-05-24 17:31:17

Date of Next Testing: 2027-05-23 17:31:17

Product Name: **L-Arginine**

CAS Number: 74-79-3

Specifications & Purity: >99.0%(HPLC)

Lot #: E2322577

SKU # **A137768**

Analysis: 227529

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.10000 %
Purity(Titration by HClO ₄)	98.5-101.5 (%)	99.03 %
Specific Rotation [α] ₂₀ /D(c=8 in 6M HCl)	24-28 (°)	26.70°
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