

Certificate of Analysis

Date of Testing: 2024-03-18 10:08:11
Date of Next Testing: 2028-03-17 10:08:11
Product Name: **L-Arginine**
CAS Number: 74-79-3
Specifications & Purity: >99.0%(HPLC)
Lot #: C2407445
SKU #: **A137768**
Version: **0**
Analysis #: **332439**

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.50000 %
Purity(Titration by HClO ₄)	98.5-101.5 (%)	99.50 %
Specific Rotation [α] ₂₀ /D(c=8 in 6M HCl)	24-28 (°)	27.30°
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