

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-12 11:49:02  
Date of Next Testing: 2029-09-11 11:49:02  
Product Name: **L-Arginine**  
CAS Number: 74-79-3  
Specifications & Purity: Moligand™, ≥98%  
Lot #: I2509061  
SKU #: **A108220**  
Version: **1**  
Analysis #: **337669**  
Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Carbon by Elemental Analysis	40.5-42.1 (%)	40.70000 %
Nitrogen by Elemental Analysis	31.5-33 (%)	31.70000 %
Specific Rotation [α] <sub>20</sub> /D(c=8 in 6M HCl)	24-28 (°)	27.20000 °
Purity(Titration by HClO <sub>4</sub> )	98-102 (%)	99.70000 %
Appearance (A108220)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless and clear, 50 mg/mL	pass	Pass



John Su  
QA & QC Manager