

## Certificate of Analysis

Date of Testing: 2024-05-23 13:39:17  
Date of Next Testing: 2028-05-22 13:39:17  
Product Name: **L-Arginine hydrochloride**  
CAS Number: 1119-34-2  
Specifications & Purity: 98%  
Lot #: E2422141  
SKU #: **A103484**  
Version: **1**  
Analysis #: **361447**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity	98-100 (%)	99.69%
Specific Rotation [a] <sub>D</sub> 20/D(c=8 in 6M HCl)	21.4-23.6 (°)	21.40°
Appearance (A103484)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager