

Certificate of Analysis

Date of Testing: 2024-10-09 10:33:45
Date of Next Testing: 2028-10-08 10:33:45
Product Name: **L-Arginine hydrochloride**
CAS Number: 1119-34-2
Specifications & Purity: $\geq 98\%$
Lot #: I2429082
SKU #: **A103484**
Version: **1**
Analysis #: **416532**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity	98-100 (%)	99.80%
Specific Rotation $[\alpha]_{20/D(c=8 \text{ in } 6M \text{ HCl})}$	21.4-23.6 ($^{\circ}$)	22.90 $^{\circ}$
Appearance (A103484)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager