

Certificate of Analysis

Date of Testing: 2025-01-08 10:11:55
Date of Next Testing: 2029-01-07 10:11:55
Product Name: **L-Arginine hydrochloride**
CAS Number: 1119-34-2
Specifications & Purity: $\geq 98\%$
Lot #: D2114164
SKU #: **A103484**
Version: **1**
Analysis #: **458733**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity	98-100 (%)	98.50 %
Specific Rotation $[\alpha]_{20/D(c=8 \text{ in } 6M \text{ HCl})}$	21.4-23.6 ($^{\circ}$)	21.50 $^{\circ}$
Appearance (A103484)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager