

Certificate of Analysis

Date of Testing: 2024-10-08 16:18:28
Date of Next Testing: 2028-10-07 16:18:28
Product Name: **L-Arginine hydrochloride**
CAS Number: 1119-34-2
Specifications & Purity: $\geq 98\%$
Lot #: L2004260
SKU #: **A103484**
Version: **1**
Analysis #: **416117**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity	98-100 (%)	98.03%
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



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QA & QC Manager