

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-28 17:41:24

Date of Next Testing: 2030-01-27 17:41:24

Product Name: **L-Arginine hydrochloride**

CAS Number: 1119-34-2

Specifications & Purity: $\geq 99\%$

Lot #: A2626255

SKU #: **A103486**

Version: **5**

Analysis #: **641499**

Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Insoluble matter	0-0.1 (%)	0.00000 %
PH(20 °C, 1 M in Water)	5-7	5.45000
Ignition Residue (as sulfate)	0-0.1 (%)	0.00000 %
Specific Rotation $[\alpha]_{20/D}(c=8 \text{ in } 6M \text{ HCl})$	21.4-23.6 (°)	21.48800 °
Assay(Nonaqueous Titration)	98.5-101.5 (%)	100.23000 %
Appearance (A103486)	White Powder or Crystals	White Powder or Crystals
Solubility in H ₂ O , colorless to pale yellow liquid, clear, 1M, 20 °C	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager