

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-05-22 17:13:29
Date of Next Testing:	2028-05-21 17:13:29
Product Name:	L-Arginine hydrochloride
CAS Number:	1119-34-2
Specifications & Purity:	99%
Lot #:	E2413131
SKU #	A103486
Version	3
Analysis #:	348668
Storage Temperature:	Desiccated

Parameter	Limit Values	Result
Insoluble matter	0-0.1 (%)	0.01 %
PH(20 °C, 1 M in Water)	5-7	5.10
Ignition Residue (as sulfate)	0-0.1 (%)	0.02 %
Specific Rotation [α] ₂₀ /D(c=8 in 6M HCl)	21.4-23.6 (°)	21.75 °
Assay(Nonaqueous Titration)	98.5-101.5 (%)	100.77000 %
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
λ,1 M in H ₂ O	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager