

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-10-21 17:20:34
Date of Next Testing:	2028-10-20 17:20:34
Product Name:	L-Arginine hydrochloride
CAS Number:	1119-34-2
Specifications & Purity:	≥99%
Lot #:	J2416765
SKU #	A103486
Version	4
Analysis #:	393454
Storage Temperature:	Desiccated

Parameter	Limit Values	Result
Insoluble matter	0-0.1 (%)	0.02 %
PH(20 °C, 1 M in Water)	5-7	6.58
Ignition Residue (as sulfate)	0-0.1 (%)	0.03 %
Assay(Nonaqueous Titration)	98.5-101.5 (%)	101.35000 %
Specific Rotation [α] ₂₀ /D(c=8 in 6M HCl)	21.4-23.6 (°)	21.41°
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