

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-15 11:25:59
 Date of Next Testing: 2030-05-14 11:25:59
 Product Name: (S)-(-)-3-Aminoquinuclidine dihydrochloride
 CAS Number: 119904-90-4
 Specifications & Purity: ≥98%
 Lot #: E2613043
 SKU #: A123962
 Version: 1
 Analysis #: 396616
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-26--22 (°)	-25.17800 °
Purity(HPLC)	98-100 (%)	98.12900 %
Assay(Titration by AgNO ₃)	97.5-102.5 (%)	100.90000 %
Appearance (A123962)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow, Clear to Hazy, 25mg/ml	pass	Pass



John Su
QA & QC Manager