

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-10 15:16:40
Date of Next Testing: 2027-12-10 15:16:40
Product Name: **(R)-(+)-3-Aminoquinuclidine Dihydrochloride**
CAS Number: 123536-14-1
Specifications & Purity: $\geq 98\%$
Lot #: B2219271
SKU #: **R132220**
Version: **0**
Analysis #: **446537**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	100.30 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	22-26 (°)	25.90°
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager