

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-23 10:31:13
 Date of Next Testing: 2030-01-22 10:31:13
 Product Name: (S)-(+)-3-Aminopyrrolidine dihydrochloride
 CAS Number: 116183-83-6
 Specifications & Purity: ≥98%
 Lot #: C2222607
 SKU #: S115473
 Version: 1
 Analysis #: 643254
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	98-100 (%)	98.95700 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	+0.9- +1.3 (°)	1.06200 °
Solubility in H ₂ O , very faint turbidity	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager