

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-25 16:17:15
 Date of Next Testing: 2028-12-24 16:17:15
 Product Name: **4,4-Difluoro-L-prolinamide hydrochloride**
 CAS Number: 426844-51-1
 Specifications & Purity: $\geq 97\%$
 Lot #: C2302545
 SKU #: **D170309**
 Version: **1**
 Analysis #: **624536**
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	96.5-102.5 (%)	100.60 %
specific rotation $[\alpha]_{20/D}(C=1 \text{ in water})$	-32--28 (°)	-29.78600 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
FNMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager