

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-20 16:31:11

Date of Next Testing: 2027-08-20 16:31:11

Product Name: **4,4-Difluoro-L-prolinamide hydrochloride**

CAS Number: 426844-51-1

Specifications & Purity: $\geq 97\%$

Lot #: K2109198

SKU #: **D170309**

Version: **1**

Analysis #: **401807**

Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	96.5-102.5 (%)	101.50000 %
specific rotation $[\alpha]_{20/D}(C=1 \text{ in water})$	-32--28 (°)	-28.00000 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
FNMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager