

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-09 14:15:42

Date of Next Testing: 2027-03-08 14:15:42

Product Name: (S)-(+)-3-Fluoropyrrolidine hydrochloride

CAS Number: 136725-53-6

Specifications & Purity: ≥97%

Lot #: E1920163

SKU #: I167099

Version: 0

Analysis #: 196374

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	180.5-189.5 (°C)	181.30000 °C
Purity(Titration by AgNO ₃)	96.5-103.5 (%)	96.90000 %
Specific Rotation [α] _{20/D} (c=1 MeOH)	5-11	6.30000
Appearance (I167099)	White to Off white to pink to tan to purple powder or crystals or solid	White to Off white to pink to tan to purple powder or crystals or solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager