

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-18 16:41:57

Date of Next Testing: 2027-04-17 16:41:57

Product Name: **4-Fluoro-D-phe-OH.HCl**

CAS Number: 122839-52-5

Specifications & Purity: $\geq 99\%$

Lot #: D2313547

SKU #: **F117076**

Version: **0**

Analysis #: **216446**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.28400 %
Melting point	245-250 (°C)	250.00000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	10-12 (°)	11.40000 °
Appearance (F117076)	White to Off-White Powder	White to Off-White Powder
NMR Spectrum 1H (D2O)	Consistent	Consistent



John Su
QA & QC Manager