

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-06 15:55:35  
Date of Next Testing: 2026-09-06 15:55:35  
Product Name: **3-Fluoro-L-phenylalanine**  
CAS Number: 19883-77-3  
Specifications & Purity:  $\geq 98.0\%$ (HPLC)  
Lot #: L2201061  
SKU #: **F132062**  
Version: **0**  
Analysis #: **408405**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.18000 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } 1\text{mol/L HCl})(\text{calcd. on anh. sub})$	-7--5 (°)	-6.18 °
Water by Karl Fischer	0-10 (%)	2.30 %
Purity(Nonaqueous Titration)(calcd. on dried substance)	97.5-102.5 (%)	100.20 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager