

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-21 13:14:54
Date of Next Testing: 2026-02-20 13:14:54
Product Name: **3-Fluoro-L-phenylalanine**
CAS Number: 19883-77-3
Specifications & Purity: $\geq 98.0\%$ (HPLC)
Lot #: H1823107
SKU #: **F132062**
Analysis: **321772**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.20000 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } 1\text{mol/L HCl})(\text{calcd. on anh. sub})$	-7--5 ($^{\circ}$)	-6.20 $^{\circ}$
Water by Karl Fischer	0-10 (%)	3.40 %
Purity(Nonaqueous Titration)(calcd. on dried substance)	97.5-102.5 (%)	98.33 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager